

Management Effectiveness Evaluation of PA Network in India

Site Report



जहाँ है हनुमाली ।
वहाँ है नन्दुशहली ॥



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

2008

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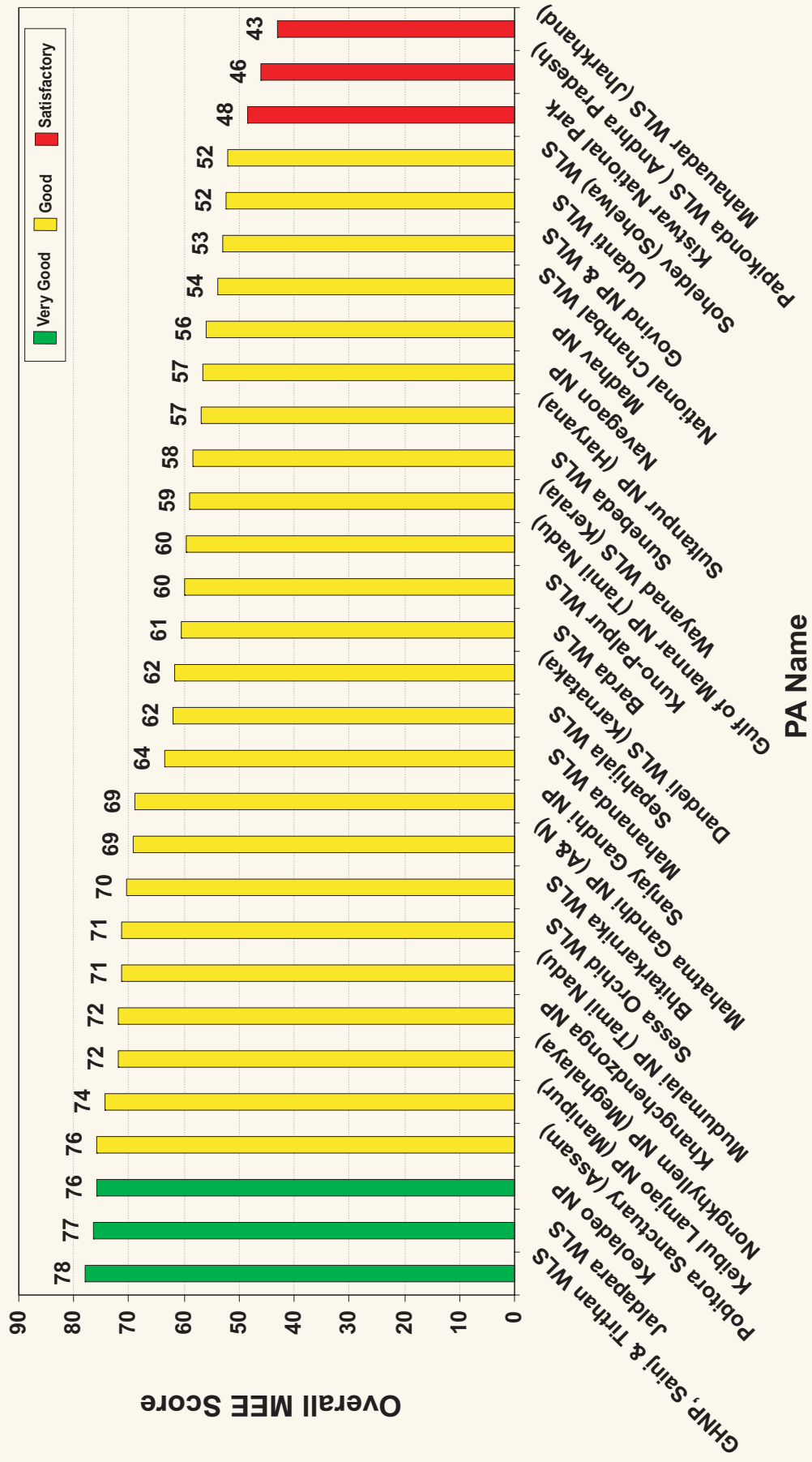
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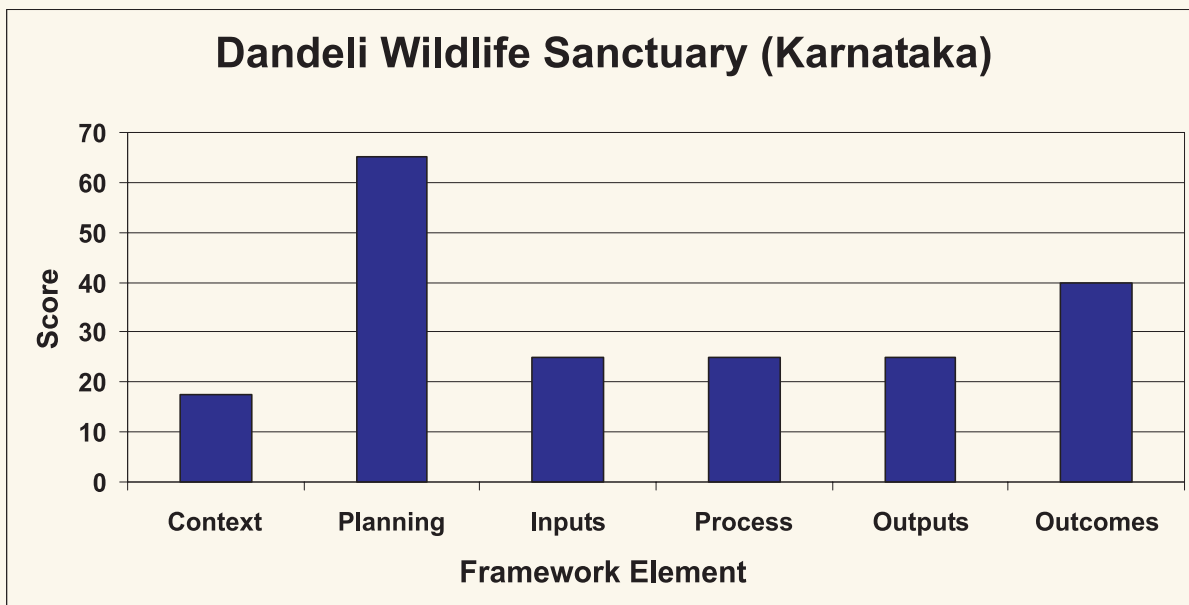
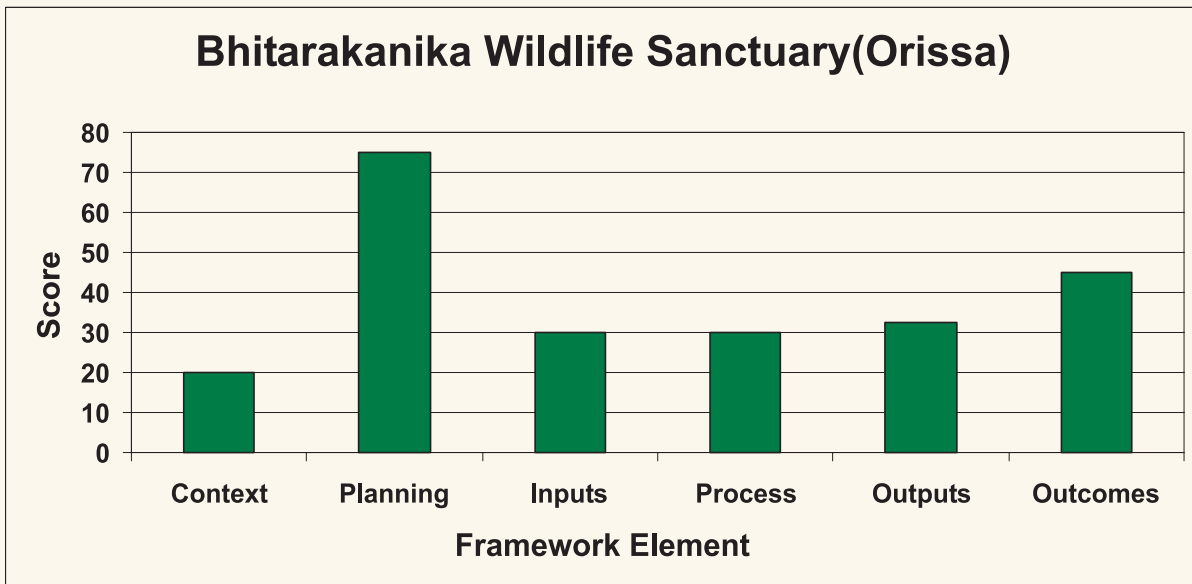
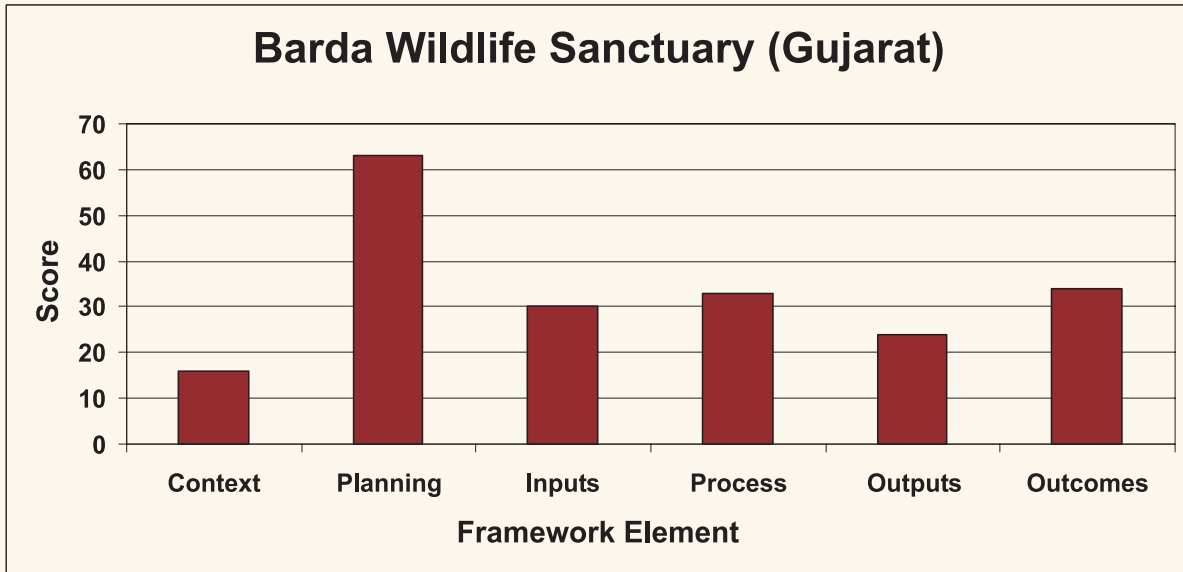
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Results at a Glance

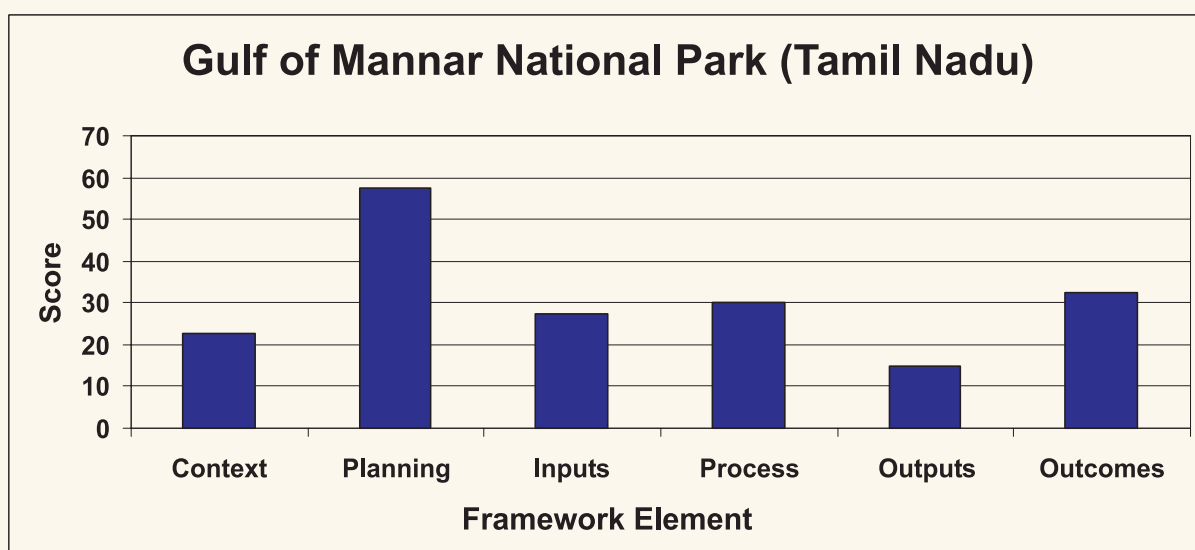
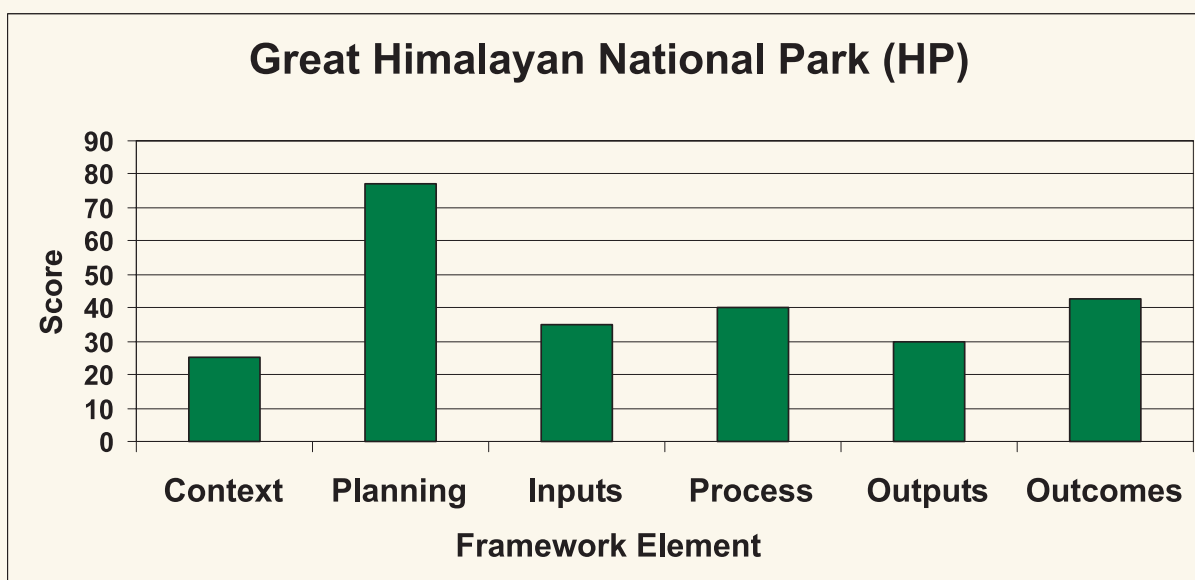
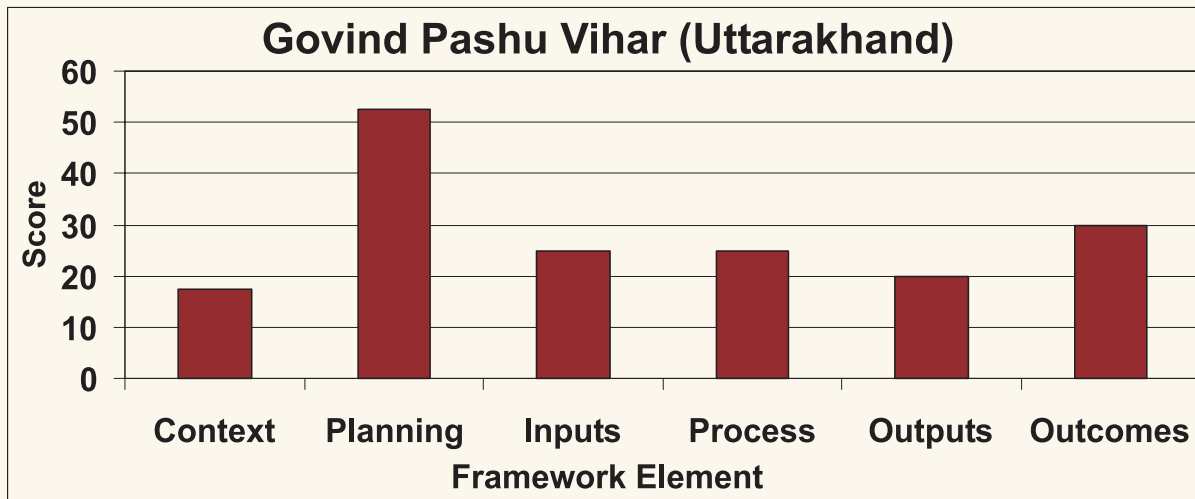
S. No.	Name of National Park	Score (%)
1.	Barda Wildlife Sanctuary (Gujarat)	61
2.	Bhitarkanika Wildlife Sanctuary (Orissa)	70
3.	Dandeli Wildlife Sanctuary (Karnataka)	62
4.	Govind Pashu Vihar (Uttarakhand)	53
5.	Great Himalayan National Park (HP)	78
6.	Gulf of Mannar National Park (Tamil Nadu)	60
7.	Jaldapara Wildlife Sanctuary (West Bengal)	77
8.	Keibul Lamjao National Park (Manipur)	74
9.	Keoladeo National Park (Rajasthan)	76
10.	Khangchendzonga National Park (Sikkim)	72
11.	Kishtwar National Park (J&K)	48
12.	Kuno-Palpur Wildlife Sanctuary (MP)	60
13.	Madhav National Park (MP)	56
14.	Mahananda Wildlife Sanctuary (West Bengal)	64
15.	Mahatma Gandhi National Park (A& N)	69
16.	Mahauadar Wildlife Sanctuary (Jharkhand)	43
17.	Mudumalai National Park (Tamil Nadu)	71
18.	National Chambal Wildlife Sanctuary (UP)	54
19.	Navegaon National Park (Maharashtra)	57
20.	Nongkhylllem National Park (Meghalaya)	72
21.	Papikonda Wildlife Sanctuary (Andhra Pradesh)	46
22.	Pobitora Sanctuary (Assam)	76
23.	Sanjay Gandhi National Park (Maharashtra)	69
24.	Sepahijala Wildlife Sanctuary (Tripura)	62
25.	Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)	71
26.	Sohelwa Wildlife Sanctuary (Uttar Pradesh)	52
27.	Sultanpur National Park (Haryana)	57
28.	Sunebeda Wildlife Sanctuary (Orissa)	58
29.	Udanti Wildlife Sanctuary (Chhattisgarh)	52
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Results at a Glance

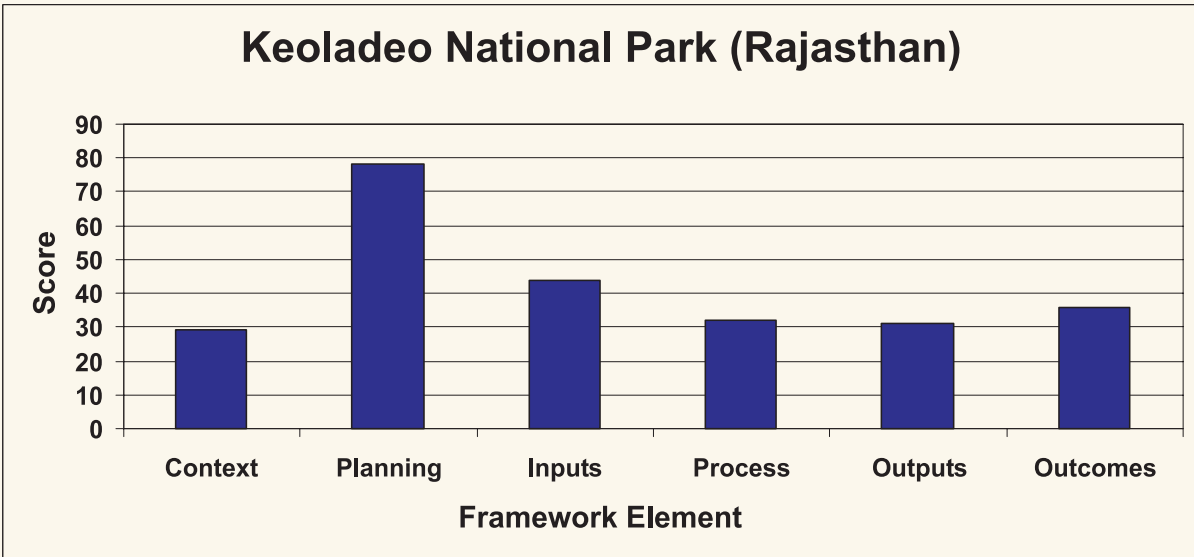
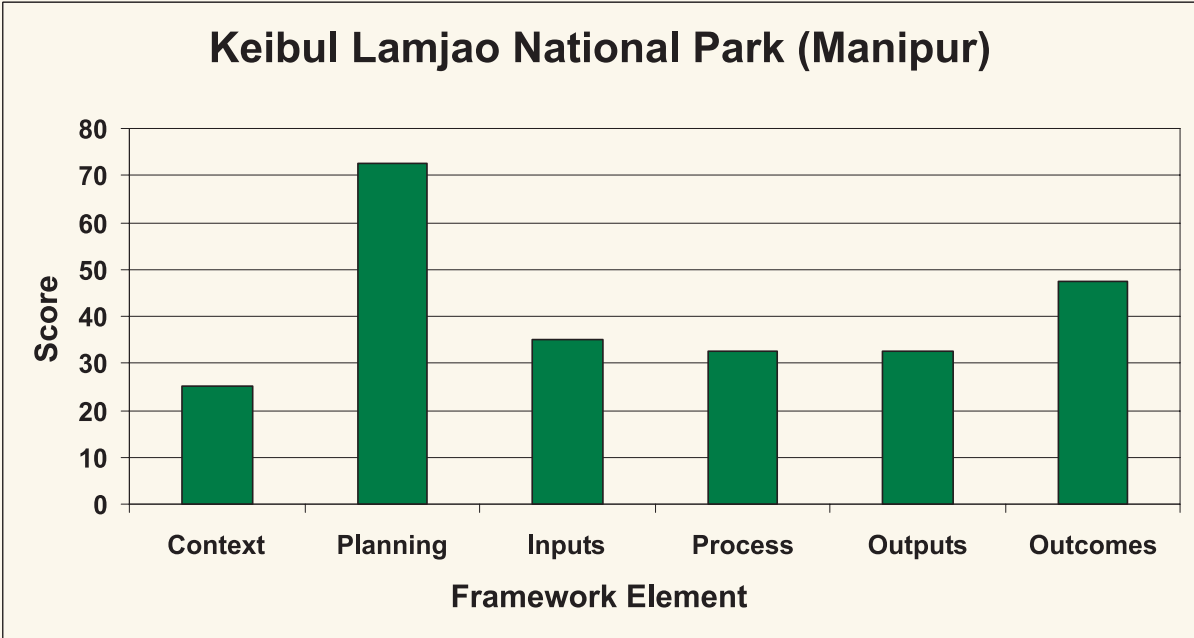
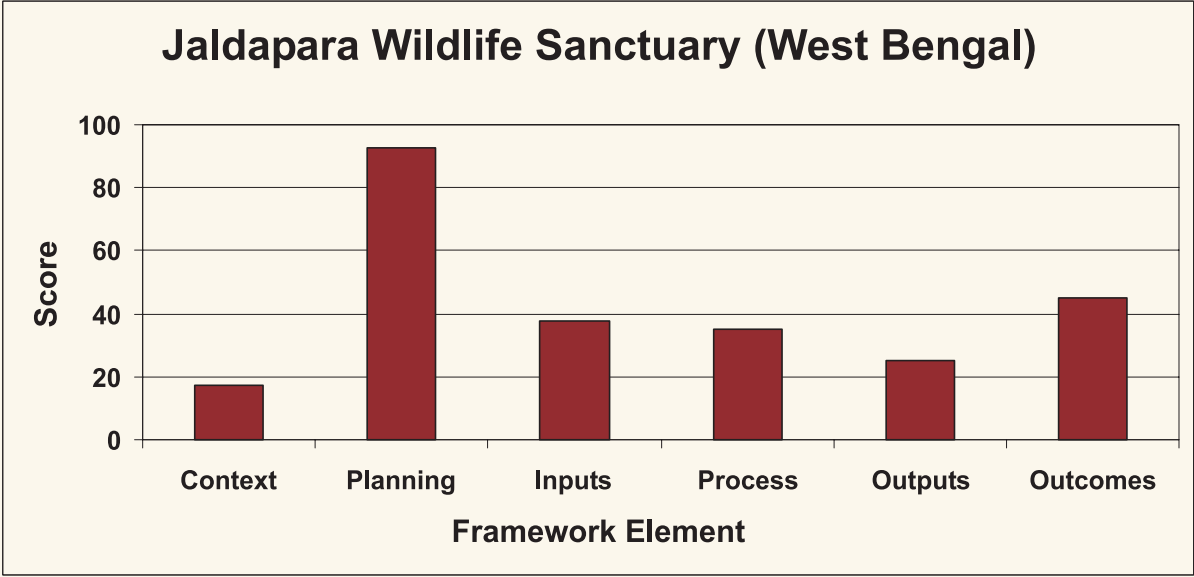




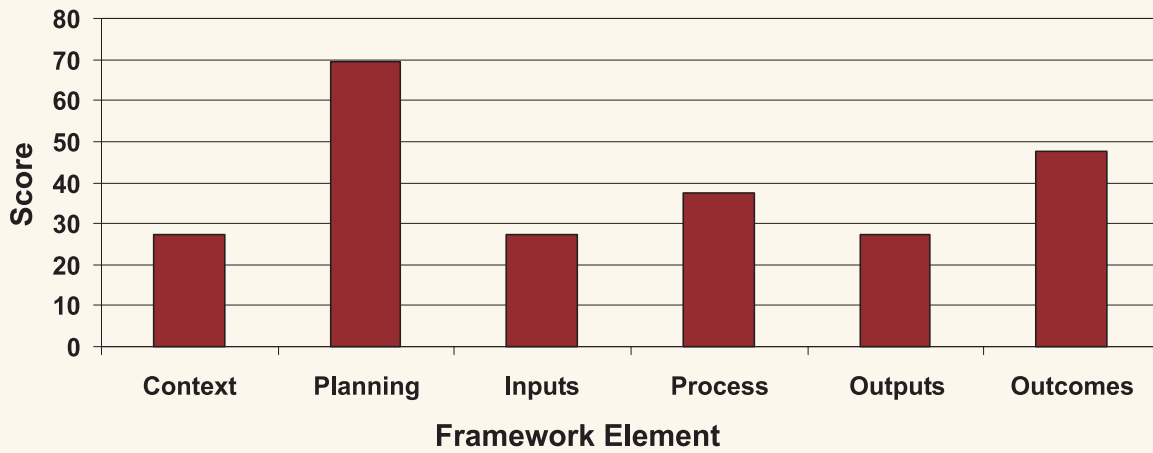
Results at a Glance



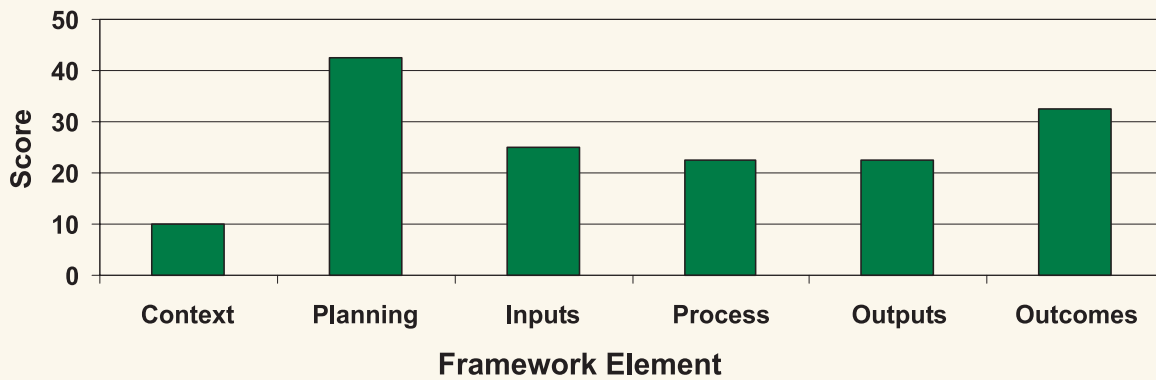
Results at a Glance



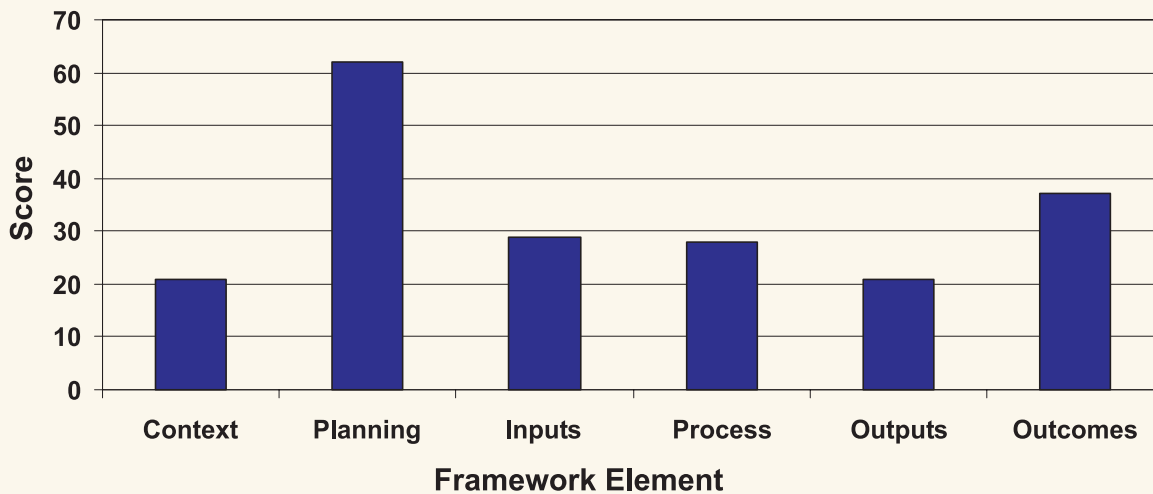
Khangchendzonga National Park (Sikkim)



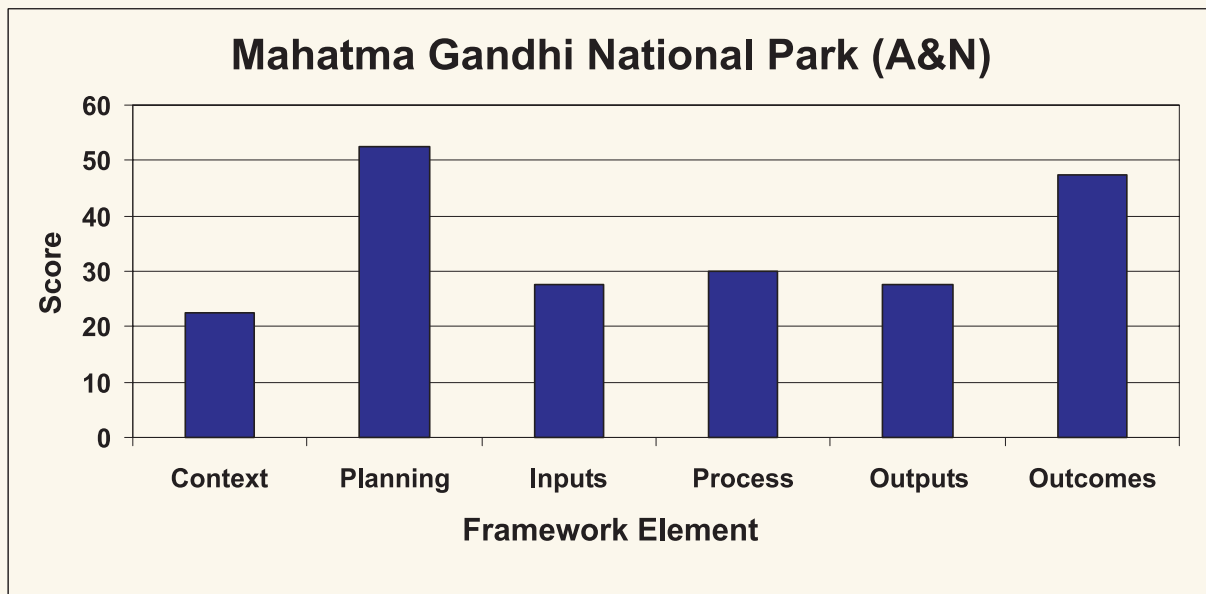
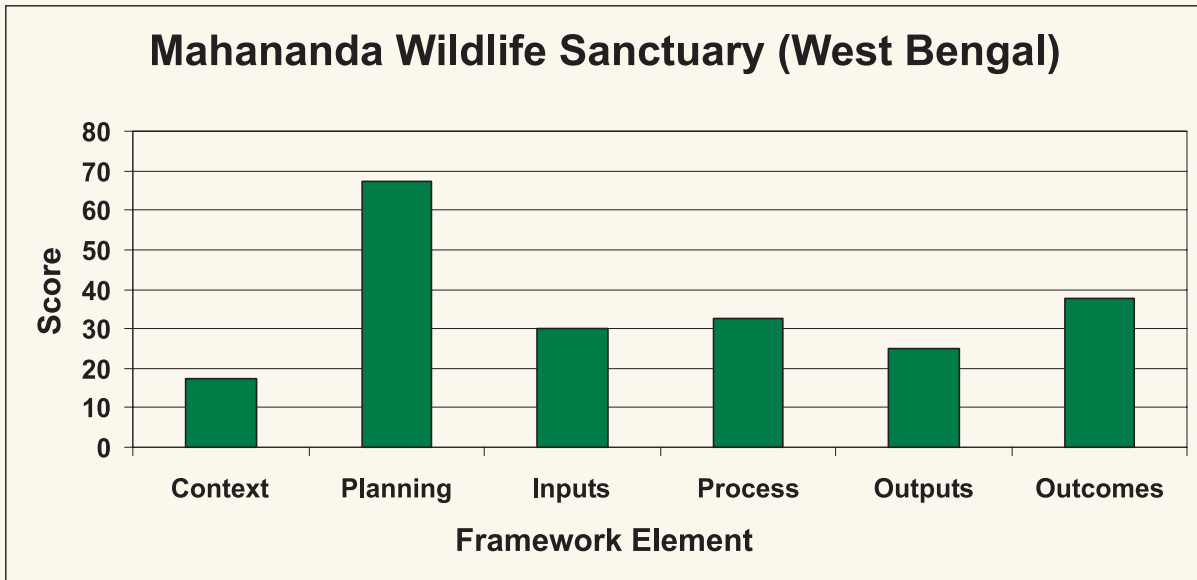
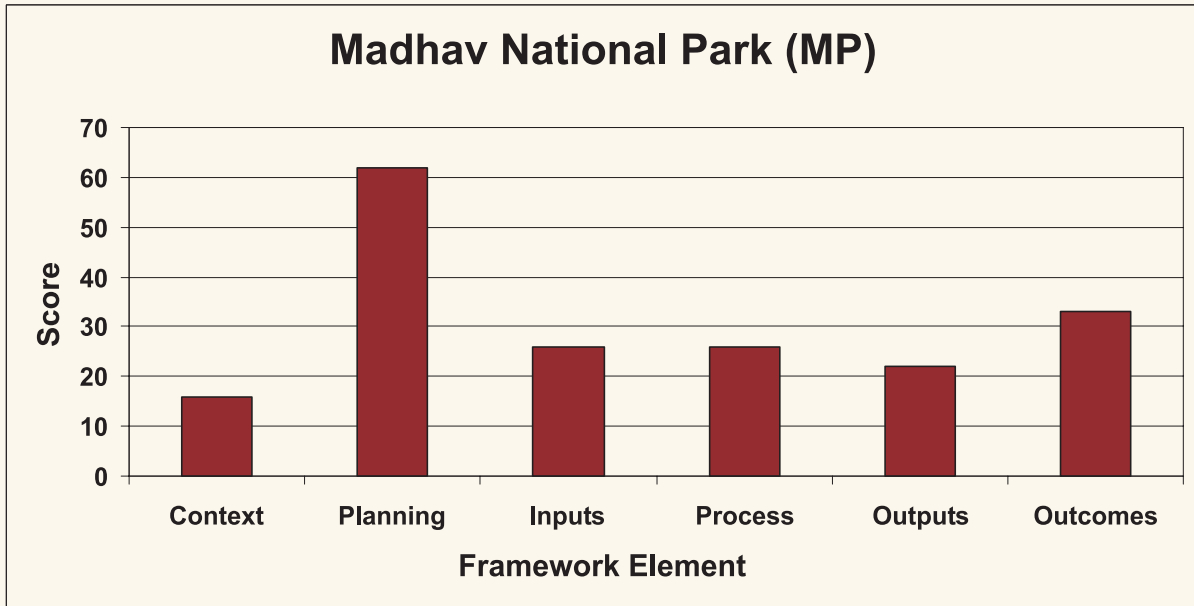
Kistwar National Park (J&K)



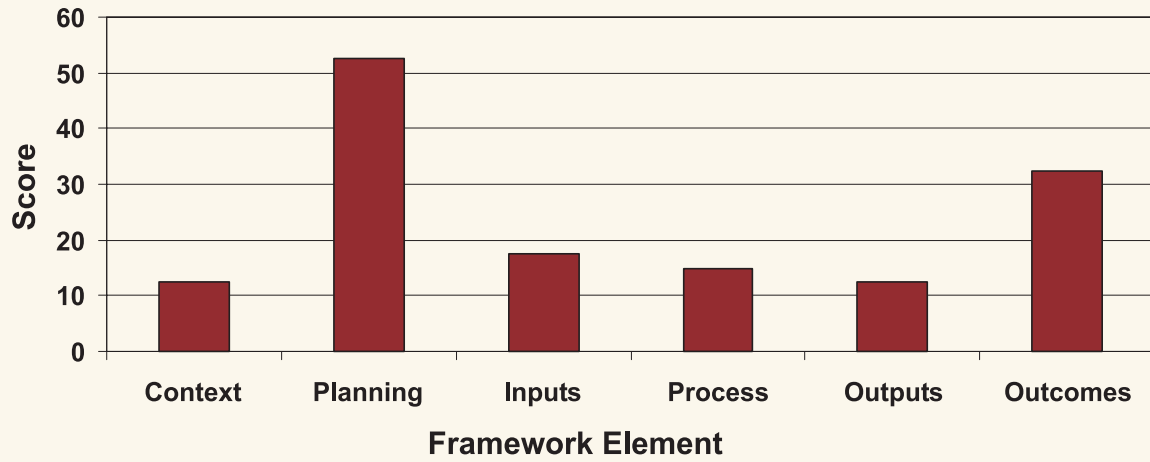
Kuno-Palpur Wildlife Sanctuary (M P)



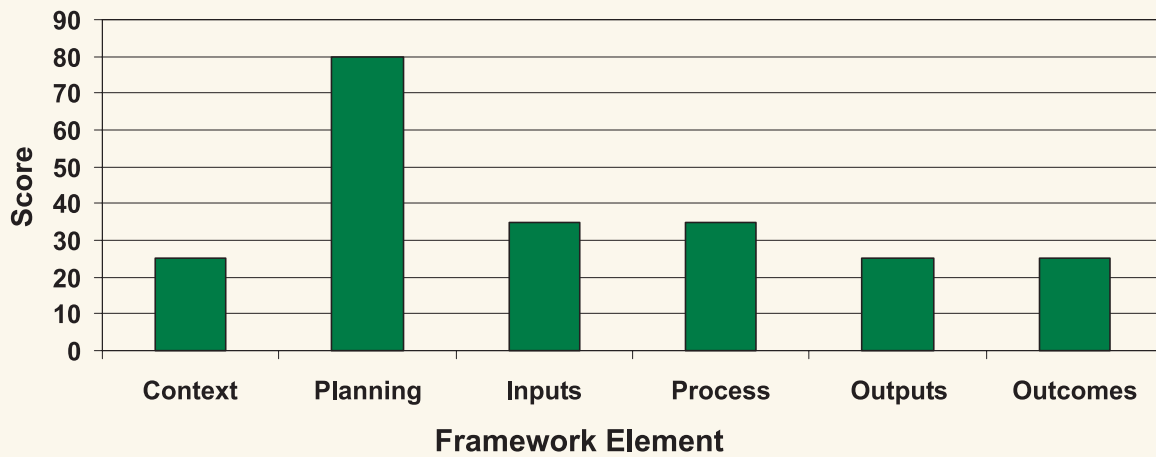
Results at a Glance



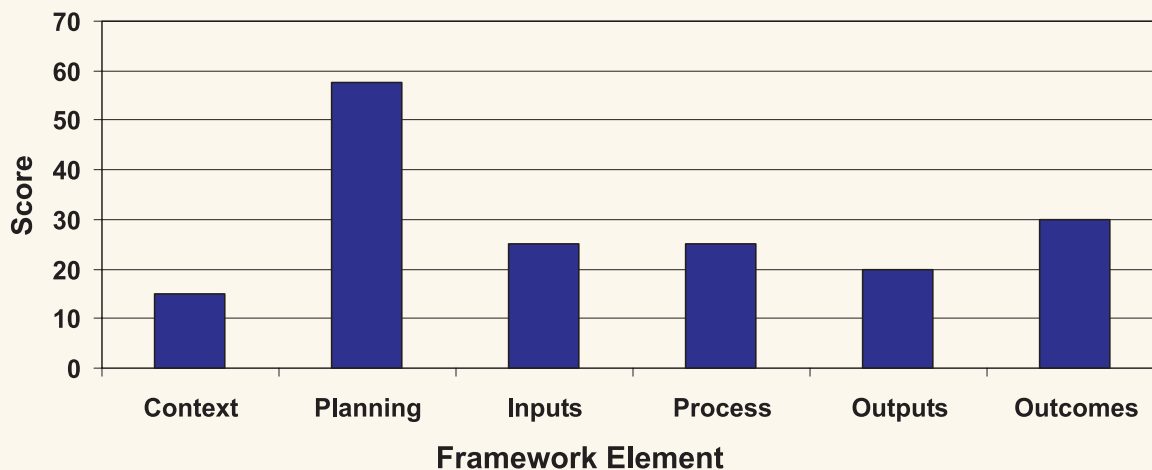
Mahauadar Wildlife Sanctuary (Jharkhand)



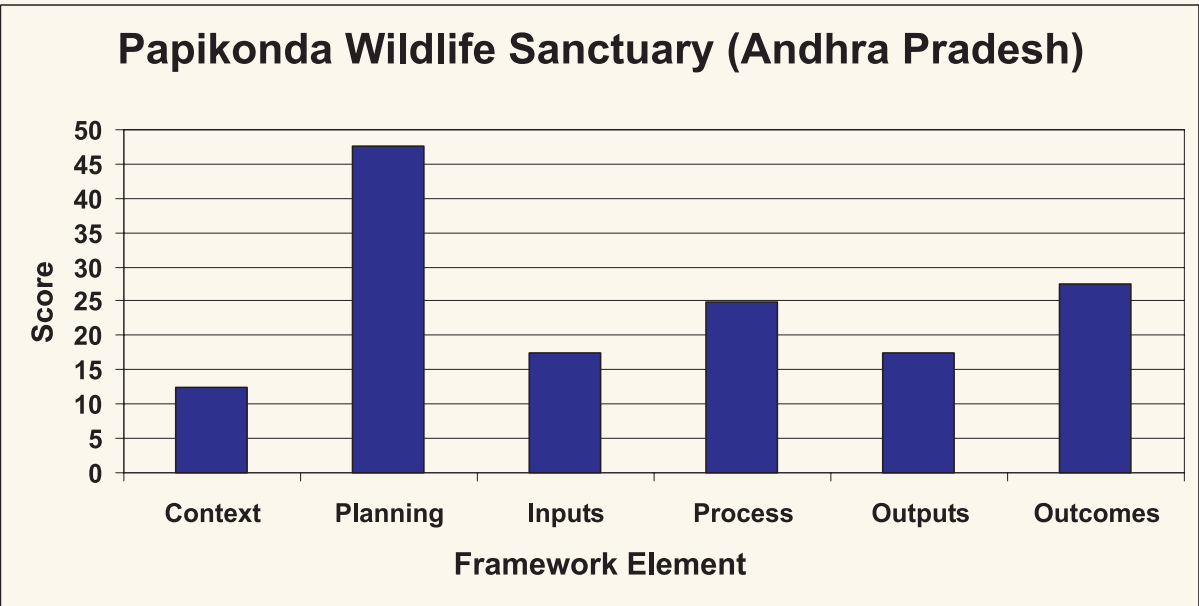
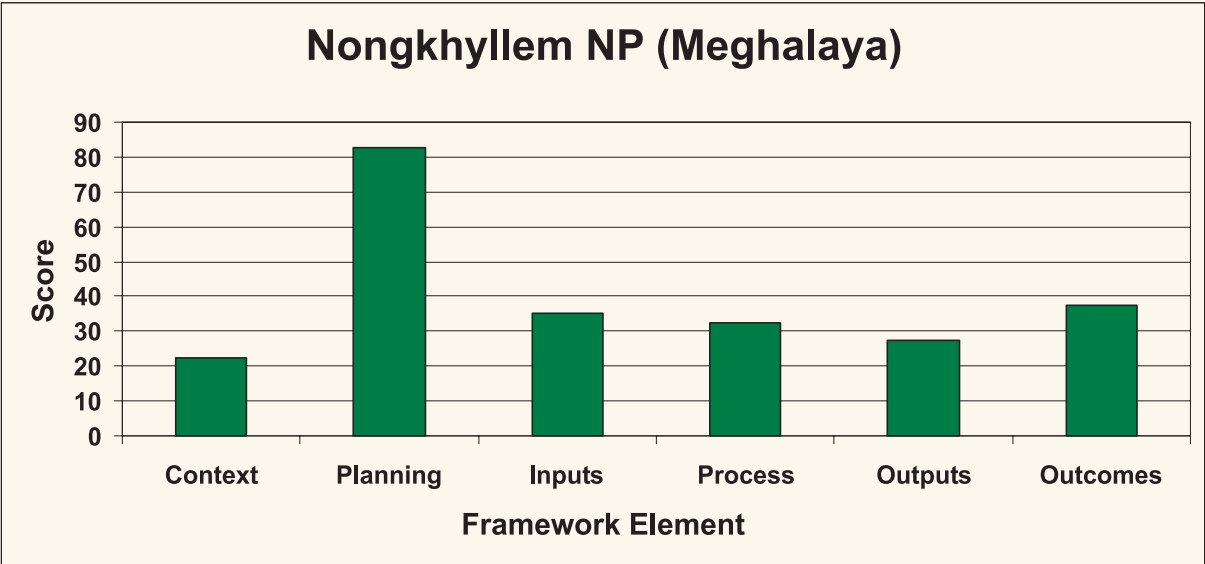
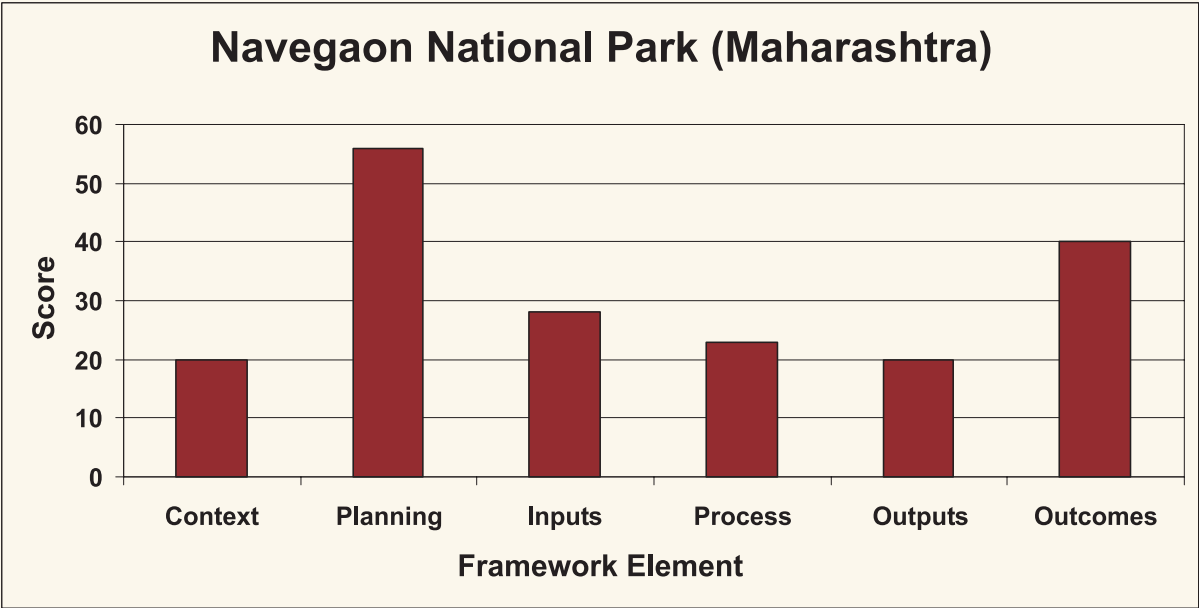
Mudumalai National Park (Tamil Nadu)



National Chambal Wildlife Sanctuary (UP)

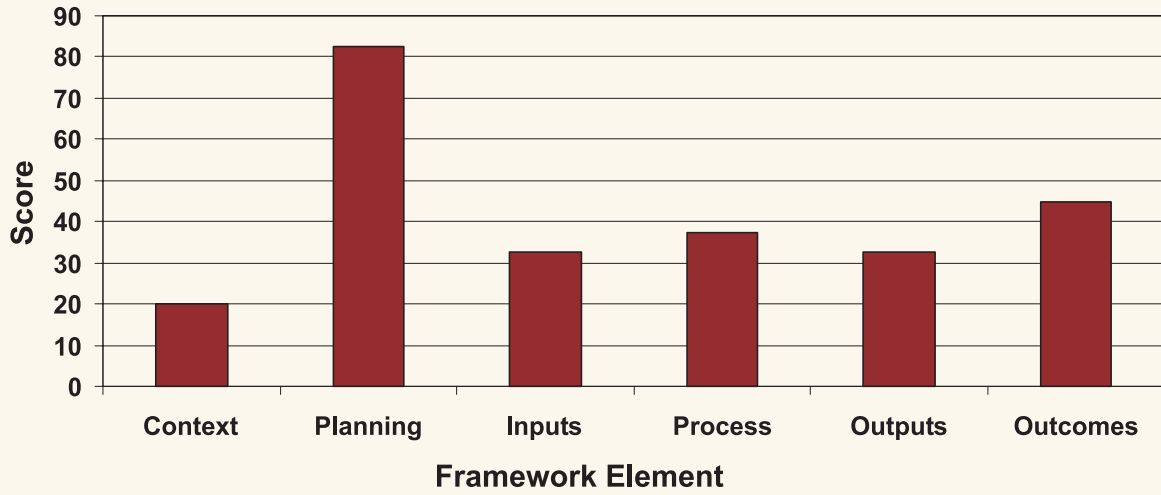


Results at a Glance

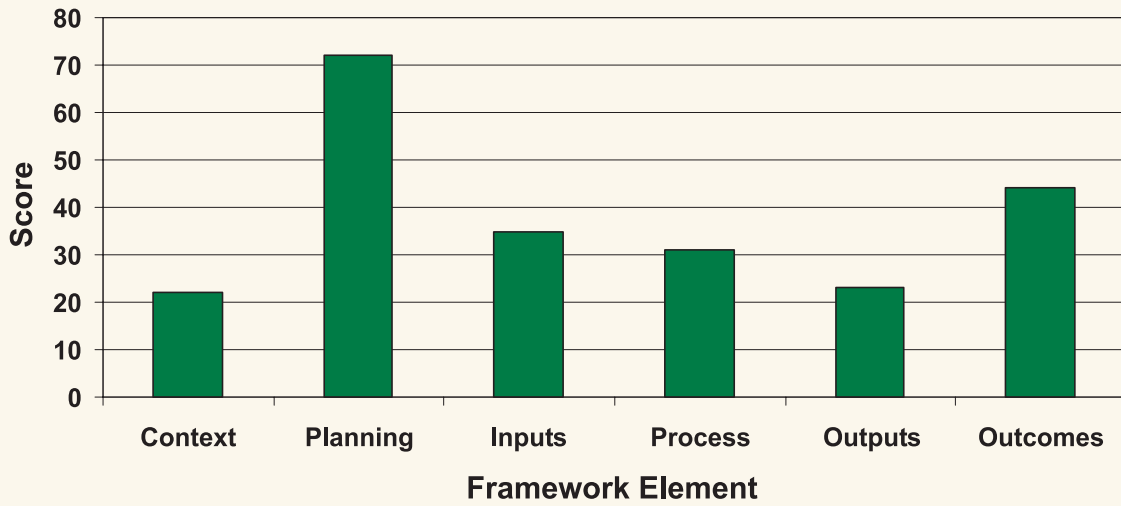


Results at a Glance

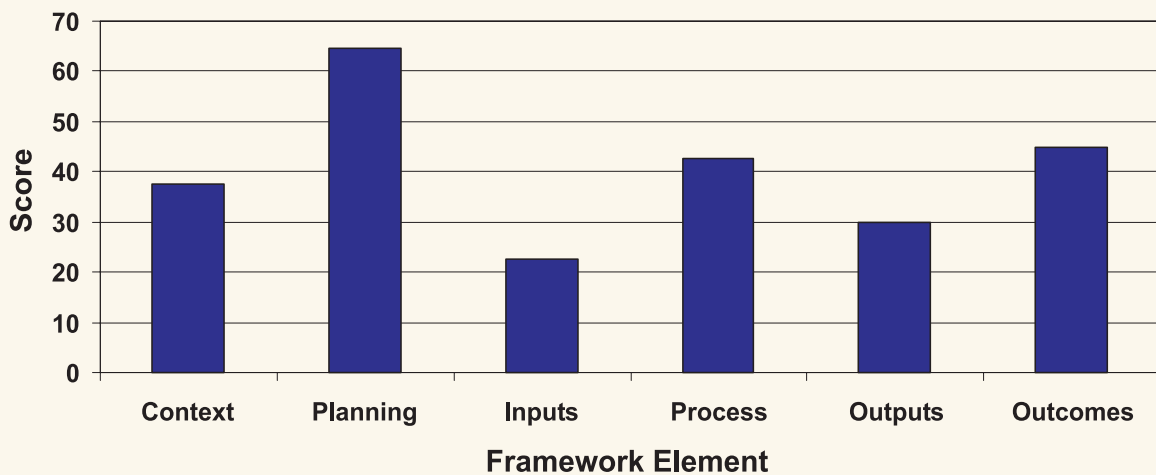
Pobitora Sanctuary (Assam)



Sanjay Gandhi NP (Maharashtra)

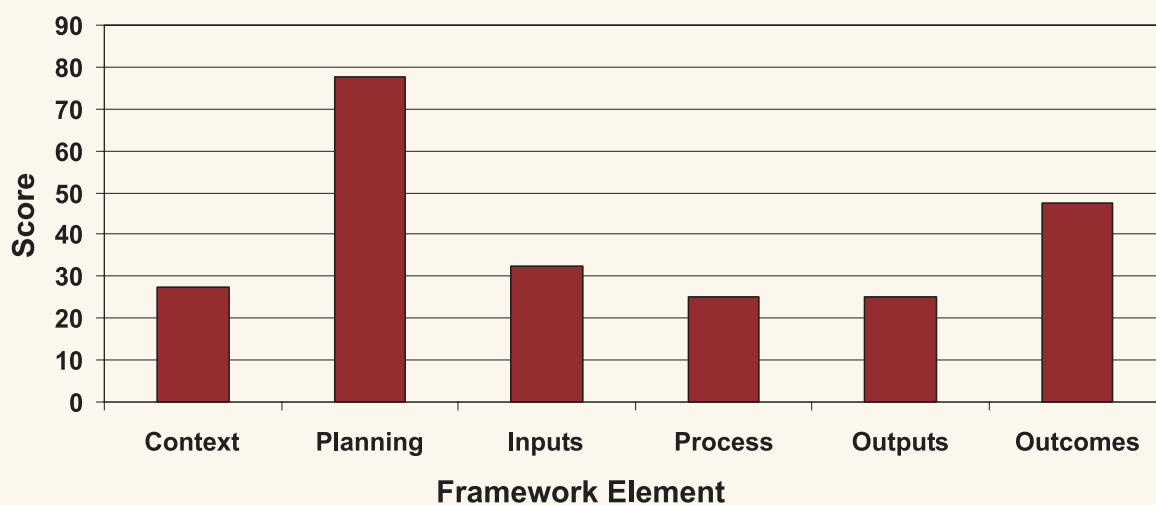


Sepahijala WLS (Tripura)

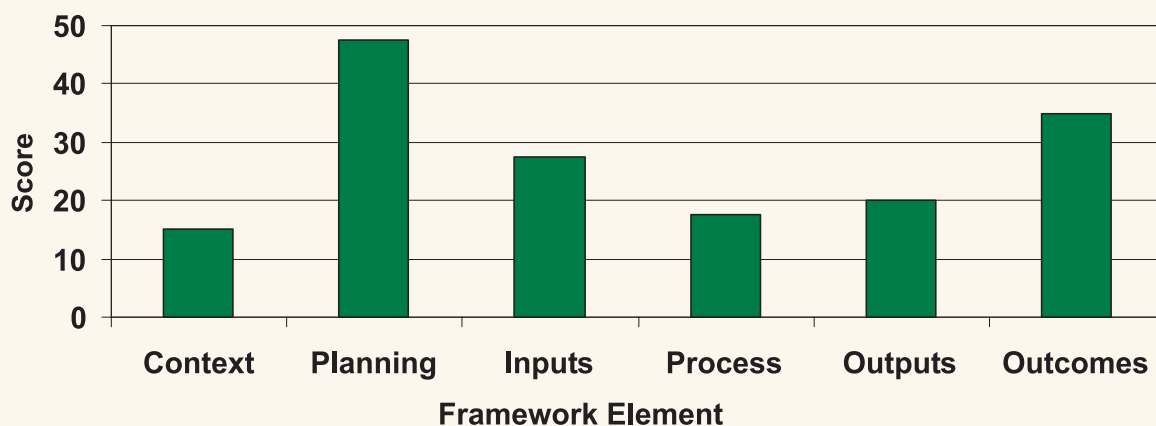


Results at a Glance

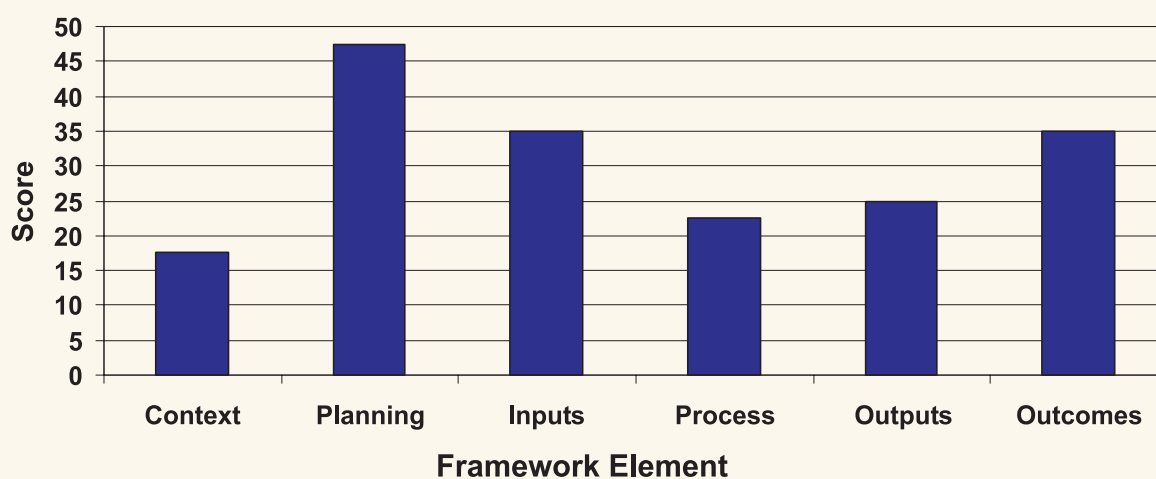
Sessa Orchid WLS (Arunachal Pradesh)



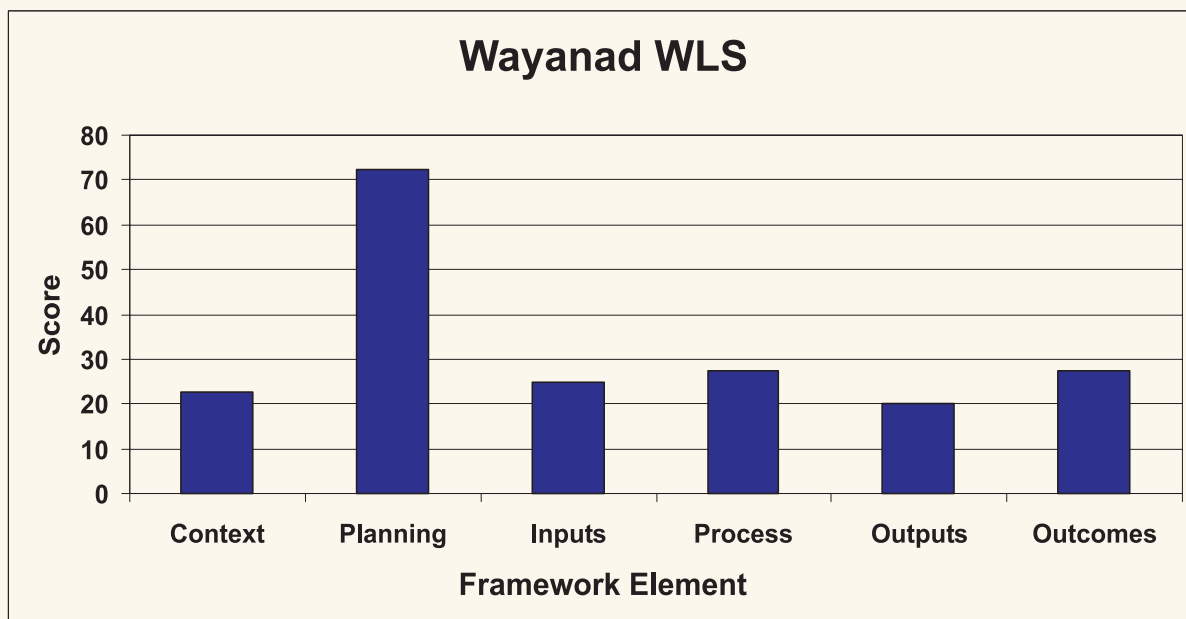
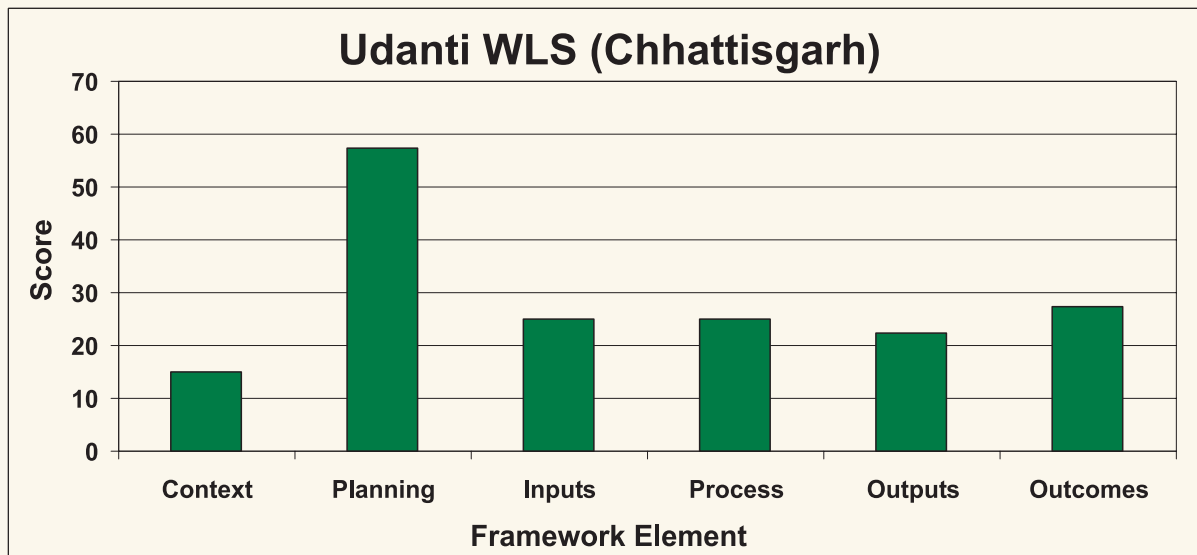
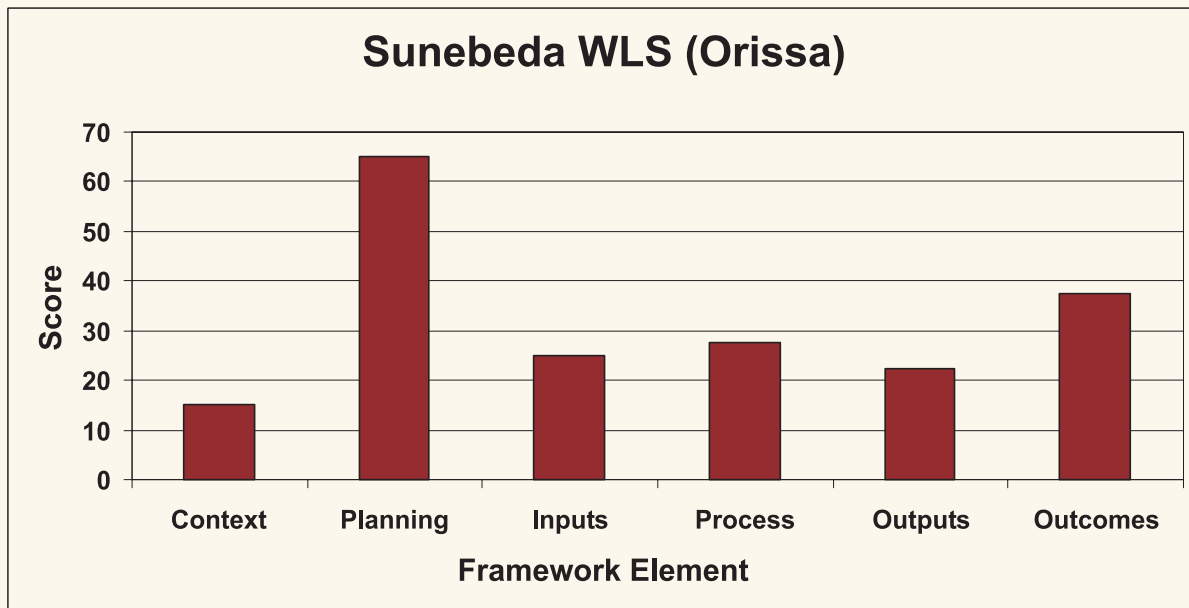
Soheldev (Sohelwa) WLS (U.P.)



Sultanpur NP (Haryana)

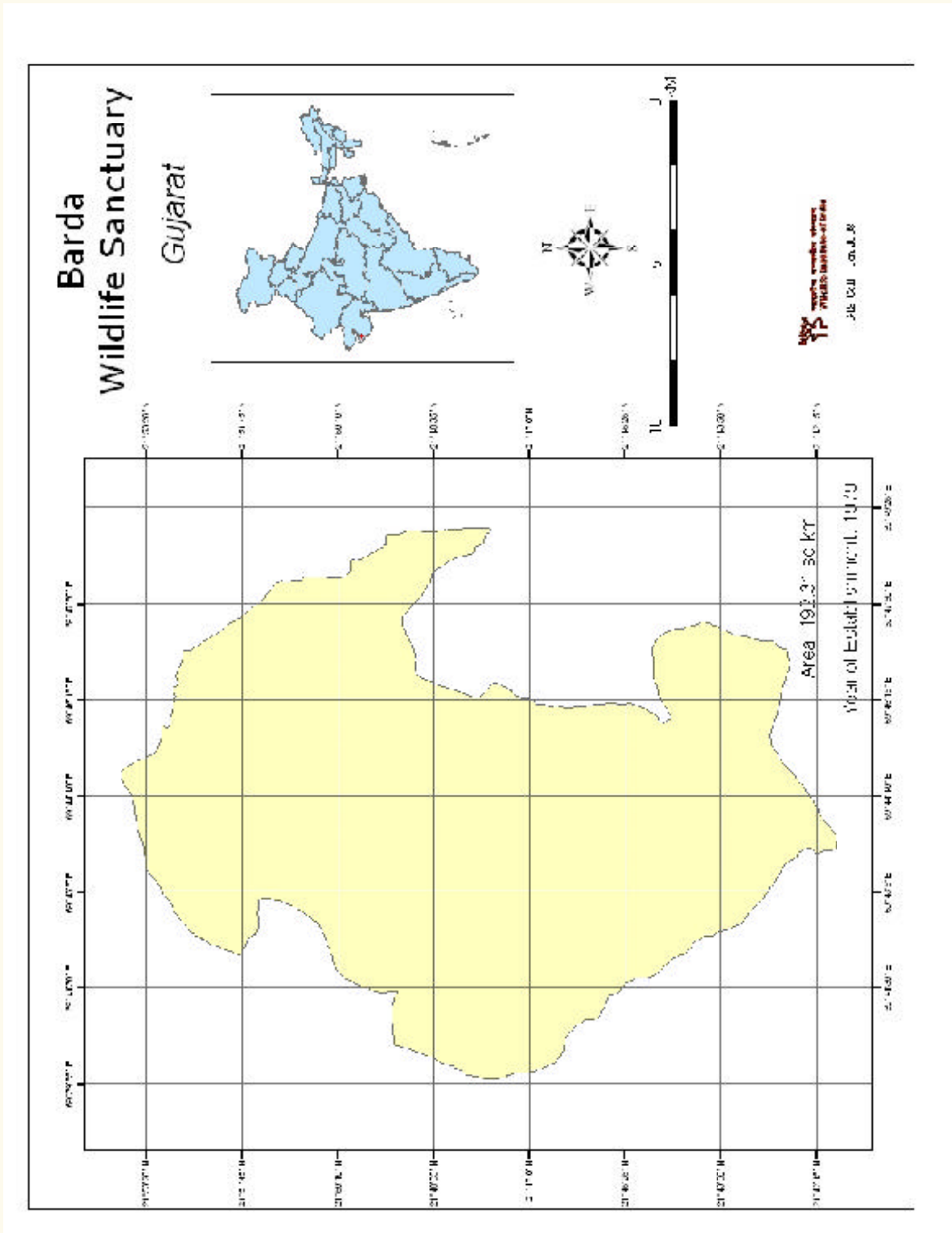


Results at a Glance



Results at a Glance

1. Barda Wildlife Sanctuary (Gujarat)



Barda Wildlife Sanctuary (Gujarat)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Importance of the area high lighted in the management plan ,how ever, value as alternate home for Lion ,not assessed properly and effective monitoring mechanism not in place.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats recognized in the M.P. but some not quantified i.e. mining in the vicinity ,pollution due to industries, adverse impact of Maldharies on the ecosystem , goat/ sheep grazing etc.
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	There are 62 nesses within the sanctuary having human population of over 700 families, twenty five villages in the periphery and within zone of influence there are major industries [chapter 11 Ecological and Socio - Economic study of Barda].
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Site identified properly and zonatiety shown in plan but zonation within not effective.
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Plan drafted by Shri Odedra, is comprehensive and efforts laudable considering that it is first duly approved plan.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Plan is still valid ;as planned Biodiversity and socio-economic studies of Maldharies have been carried out by GEER .
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Floral values better safe guarded than potential values of wild mammalian browsers and grazers, scrub land frugivorous birds, reptiles, etc.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor	✓	There is no institutional mechanism for such consultations , even statutory requirement of having Hon. Warden and Advisory committee [Section 33- B] not in place.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Water conservation measures are note worthy and have given excellent results ; Lantana invasion control measures in place but attention need also be focused on Acacia Senegal proliferation. Soil Conservation need priority . How ever, basic cause of habitat damage need be controlled through relocation of Maldharies at least on periphery is pre requisite.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		There are on going Cheetal reintroduction attempts , may give priority to browser species like Sambhar and augment suitable antelopes. But such an activity to be preceded by restrictions on domestic animals that have dominated habitat. Aim of Lion reintroduction needs serious rethinking in view of observations in the report by GEER foundation.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good	✓	
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor	✓	Application of guidelines regards "Eco sensitive areas" need be examined after critical appraisal of threats due to industries in close proximity; impacts of habitations within and close to sanctuary have been appreciated but restrictions under section 27 not implemented rigorously. Biomass consumed by domestic cattle is transformed into Milk / milk products .cow dung and is exported out (at least dung need be recycled.).Pol icy decision on restrictions \ relocation urgently called for.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Relationship between human population and wilderness values, within PAs is not symbiotic but is detrimental to habitat, present management thus does not see "Conflicts" within PA. Relations in fringe areas are cordial.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		PA occupies central position in the landscape and protects watershed .
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Additional positions indicated in the Management Plan not yet provided , however available personnel utilized optimally.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Some resources explicitly allocated .
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Barda Wildlife Sanctuary (Gujarat)

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Main thrust is on moisture conservation , rehabilitation of habitat and remote sensing data does indicate habitat recovery. Resettlement yet to become core activity.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		GEER foundation has provided much needed technical inputs , there is little people support for population estimation exercises .
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		There are experienced field workers and staff receives refresher trainings for time to time, PA manager does not consider lack of trained staff as limitation.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor	✓	Other than Eco development activities in periphery which gets good response ,public participation is limited and opportunistic.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Democratic institutions are well established institution of Lokayukta is in place . The senior Manager opines that the management is alert and responsive.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Substantial issues addressed by the management.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor	✓	Gujarat Bio diversity strategy and action plan is in place ; GEER foundation has also published good data .Web site being made available but management issues are not generally debated.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Barda Wildlife Sanctuary (Gujarat)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Tourism potentials of Kileshwar temple, Ghumali historical sites irrigation dams utilized but wild interpretation /education potentials of the PA are not fully developed , Nature camps be held at number of places including Satvirda. Maharaja Khengar's contribution to wild life conservation being note worthy , "Khengar willa" could be a focal point for nature interpretation.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Population estimation exercises for herbivores and carnivores are carried out regularly ; vegetation monitoring on scientific lines recommended. F.S.I.'s remote sensing tree cover monitoring being used. GEER foundation has brought out comprehensive data base as a bench mark.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Present scenario is considered adequate.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Barda Wildlife Sanctuary (Gujarat)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Status of endangered floral components is improving. As habitat recovery is good , over all position is stable
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Grazing is leading to " biotic" climax that has preponderance of Acacia Senegal jeopardizing natives to some extent but riparian zones have improved. Typical elements of scrub grass lands need be nurtured. Some communities will certainly be sustained.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Not all the threats abated or minimized.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Porbunder, Ranavav get sustained potable water supply form Pas but this contribution need be high lighted. Eco development inputs have helped in getting support.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		GEER Foundation \Gujarat Forest Dept. publication high lights interesting history, Ghumat was an ancient capital. Maldharis have unique and rich culture that needs show casing. Khengar whilla ,can be a focal point to remember contribution of erstwhile rulers of this area.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

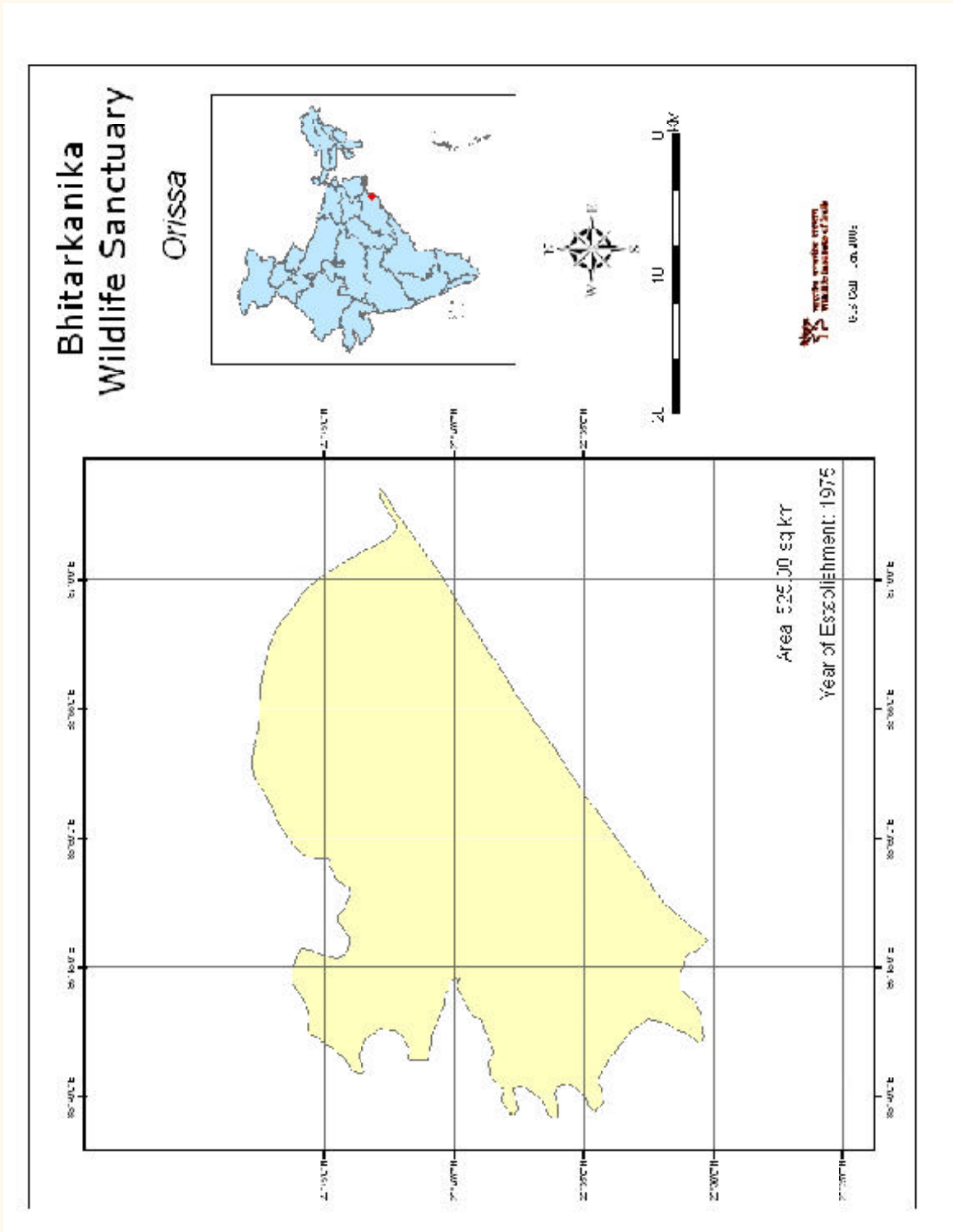
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	16	61%
2.	Planning	9	10	100	63	
3.	Inputs	05	10	50	30	
4.	Process	05	10	50	33	
5.	Outputs	04	10	40	24	
6.	Outcomes	06	10	60	34	
Total		32		330	200	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Barda Wildlife Sanctuary (Gujarat)

2. Bhitarkanika Wildlife Sanctuary (Orissa)



Bhitarkanika Wildlife Sanctuary (Orissa)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 *Are reintroduction programmes systematically planned and monitored?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good	✓	
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 *Does the site has an effective protection strategy?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 *Has the site been effective in the mitigation of human-wildlife conflicts?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Bhitarkanika Wildlife Sanctuary (Orissa)

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good	✓	

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Bhitarkanika Wildlife Sanctuary (Orissa)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

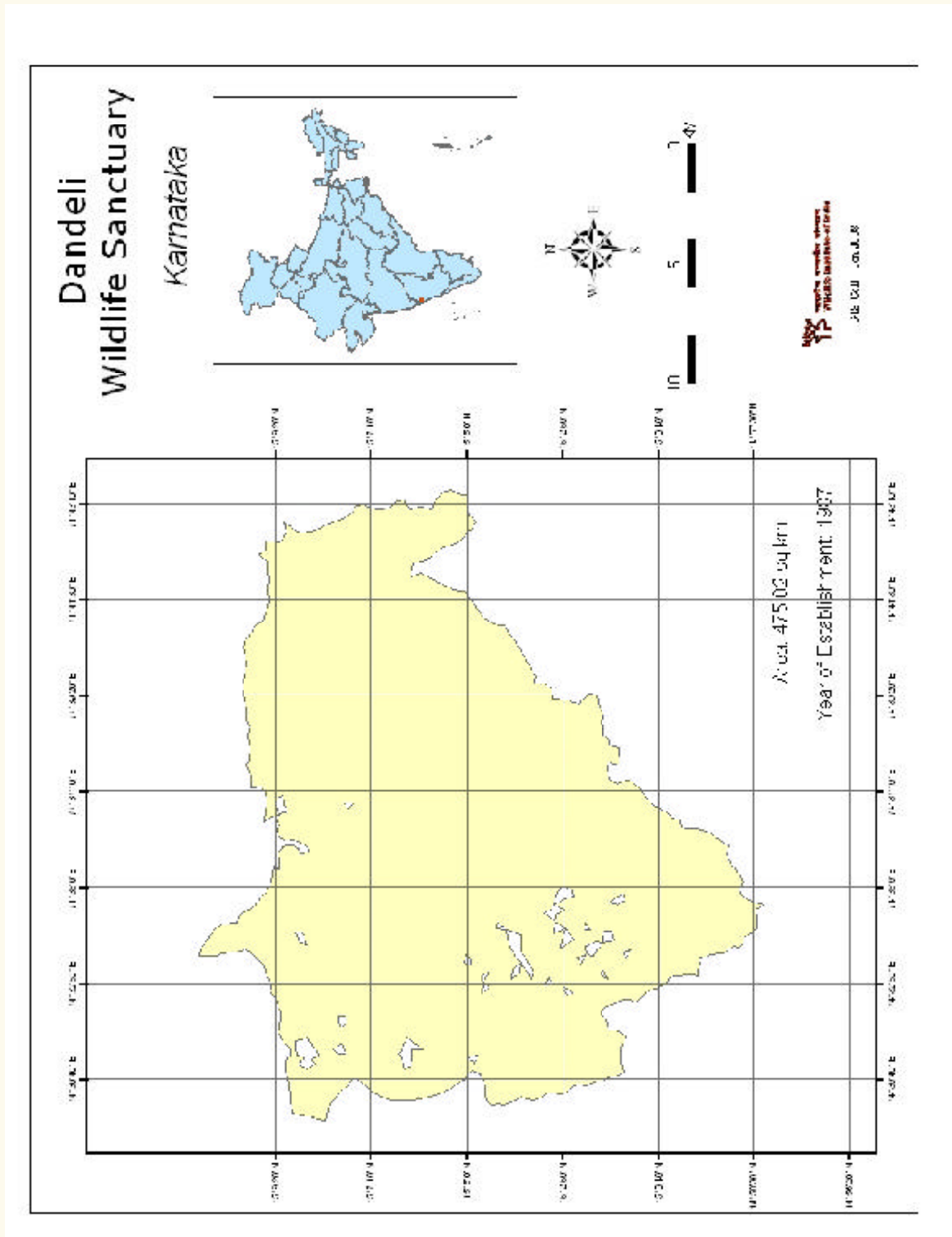
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	20	70%
2.	Planning	9	10	100	75	
3.	Inputs	05	10	50	30	
4.	Process	05	10	50	30	
5.	Outputs	04	10	40	32.5	
6.	Outcomes	06	10	60	45	
Total		32		330	232.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Bhitarkanika Wildlife Sanctuary (Orissa)

3. Dandeli Wildlife Sanctuary (Karnataka)



Dandeli Wildlife Sanctuary (Karnataka)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Not applicable
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Being considered for Biosphere Reserve, encompassing Goa and Maharashtra states' PAs.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Out of 60 Beat Guards, 38 positions are vacant.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Not monitored at regular intervals.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

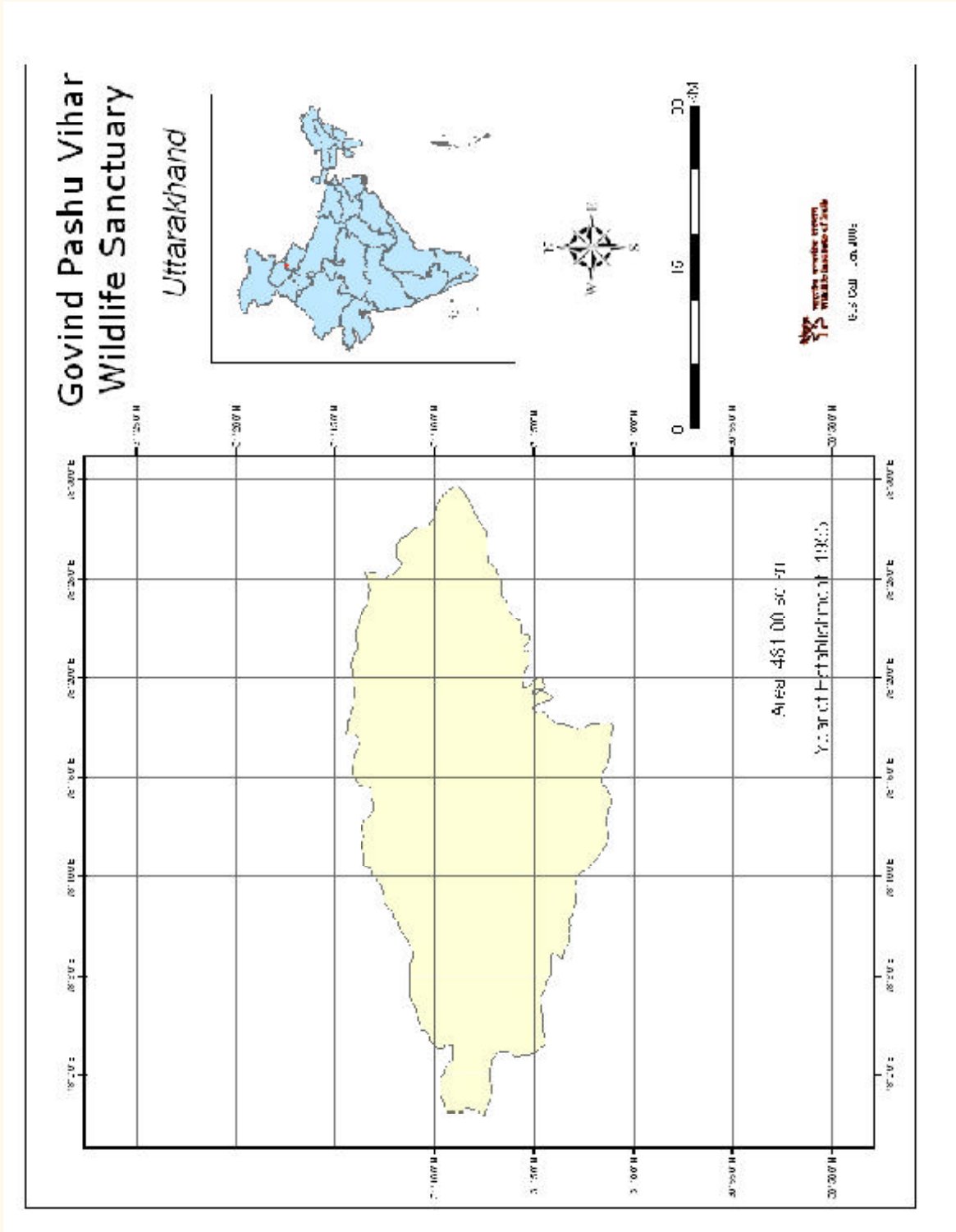
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	17.5	62%
2.	Planning	9	10	90	65	
3.	Inputs	05	10	50	25	
4.	Process	05	10	50	25	
5.	Outputs	04	10	40	25	
6.	Outcomes	06	10	60	40	
Total		32		320	197.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Dandeli Wildlife Sanctuary (Karnataka)

4. Govind Pashu Vihar (Uttarakhand)



Govind Pashu Vihar (Uttarakhand)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The values are well documented & assessed but monitoring needs lot of improvement.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats are well documented and assessed.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	The site has high grazing pressure from nearly 80000 sheeps & goats during May to September not only from the 42 villages falling in buffer area of these PAs but some also from far off Mori & Sandra areas. Gujar buffalo herds from Rajaji NP/DDun FD & even from Shivalik Forest Division of U.P. also migrate into these PAs during above period. There are nearly fifty Gujar Deras all over the PAs. Extraction of medicinal plants, grazing by local cattle and fuel wood and timber collection by local people is also significant. The final notification of the National Park has yet not been issued. Though, intention notification had been issued in 1990. Govind WLS out of which Govind NP has been carved out was notified in 1955 but due to Supreme Court judgments rights of timber and other forest produce have been stopped but there is no alternative source of these demands as a result there is constant conflict. A proposal to redelineate the boundaries of WLS and part of NP was sent to Gol but the same has been turned down. The antagonism of local people continues due to which final notification is not coming.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The entire 472 km ² of Govind NP has been designated as core zone & the Govind WLS with an area of 486 km ² has been designated as buffer zone. Both the PAs are treated as eco-restoration zone due to heavy biotic pressure. Some 6 sites have been designated as tourism zone. 42 villages with in Govind WLS & 17 villages with in 5km from PA boundary have been included in Eco development zone.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		There is a combined management plan for Govind NP & WLS which has been prepared in 1999-2000& will be operative till 2008-09. This is the first MP and would need a interim review & updating at once.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The current Management plan is the first one and has not been revised or updated so far.
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Because of difficult geographic & climatic conditions the site specially the core area of NP does safe guard the high biodiversity values of flora & fauna but high biotic pressure needs to be reduced.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Except the eco-development and tourism activities there is little participation of stakeholders in planning.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Habitat restoration programmes such as checking soil erosion, assisted natural regeneration of Oaks, Fodder development & fire protection have been planned in the management plan & the actual work is done based on availability of funds but monitoring needs more attention.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	–	No introduction ever planned or done.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	–	
Reintroduction programmes are generally well planned and monitored.	Good	–	
Reintroduction programmes are thoroughly planned and monitored.	Very good	–	

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Though long range & short range patrolling has been planned recently as a anti poaching strategy but due to lack of sufficient man power & training in mountaineering & other high attitude traits the protection strategy is still weak. There is no strategy to monitor the activities of shepherds & Gujars who visit interior parts of the PA & roam freely during May to September.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		The human wildlife conflicts are mainly due to crop raiding by wild boar, mauling by Himalayan black bear, occasional cattle lifting by leopards in the villages & killing of sheeps & goats in high altitude pastures by snow leopard, Brown bear & Leopard. For cases taking place in villages compensation is paid in case of killing & injuring of humans & killing of cattle but no compensation is paid when killing takes place inside PA.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor	✓	There is hardly any integration into wider ecological network which exists in neighboring Tons FD and Shimla wildlife Division of H.P. Some preliminary discussion was made by WLW with DFO Shimla WL Division recently. This needs to be taken further.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Though all available personnel are explicitly allocated for PA Management but due to shortage to sanctioned posts(all 6 posts of Foresters vacant), higher average age of frontline staff, lack of training & equipment for high altitude trekking & lack of resources for such difficult & climatically harsh area their systematic linkage to management objectives is not possible.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		There is only one vehicle with Wildlife Warden Purola which is enough as there are hardly any motor roads inside PA. Wireless sets are available at all important locations and are in working order. Only few firearms are available with frontline staff. Large number of buildings including field accommodation, office buildings of RFOs & FRH are very old & need renovation/ replacement.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria																											
Condition	Category*	(Tick ✓)	Remarks																								
Resource allocation is adhoc and funds are never released in time.	Poor		<p>The total allocation of funds for work component both in Govind NP & WLS & funds provided by Centrally sponsored scheme as against the total fund allocation during last 5 years is as under.</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Total Allocation</th> <th>Allocation under CSS</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>2001-02</td> <td>112.35</td> <td>7.00</td> <td>6</td> </tr> <tr> <td>2002-03</td> <td>135.38</td> <td>14.10</td> <td>10</td> </tr> <tr> <td>2003-04</td> <td>76.79</td> <td>11.50</td> <td>7</td> </tr> <tr> <td>2004-05</td> <td>44.16</td> <td>13.80</td> <td>3</td> </tr> <tr> <td>2005-06</td> <td>122.52</td> <td>20.50</td> <td>17</td> </tr> </tbody> </table> <p>Note: In 2001-02 and 2002-03 major allocation was under biodiversity component of World Bank aided forestry project. Most of the fund were used for creation/renovation of fixed assets like road, bridges, buildings etc. which is necessary due to frequent damages done by cloud bursts/heavy rains and fragile geology of the area. Very little funds were used for habitat improvement and anti-poaching activities. Release of funds by State Govt. were not timely in most of the years. The following special points are brought out.</p> <ol style="list-style-type: none"> 1. There has been great inconsistency in availability of funds both from Govt. of India and from State Govt. 2. Higher allocation in 2005-06 is due to availability of funds from 12th Finance Commission and State Tourism Department. 3. The MEE is based on availability of funds from all sources and not from GOI alone. 	Year	Total Allocation	Allocation under CSS	%	2001-02	112.35	7.00	6	2002-03	135.38	14.10	10	2003-04	76.79	11.50	7	2004-05	44.16	13.80	3	2005-06	122.52	20.50	17
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2004-05	44.16	13.80	3																								
2005-06	122.52	20.50	17																								
Some specific allocation for management of priority action and some funds released in time.	Fair	✓																									
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good																										
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good																										

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	There was no NGO support available to these PAs.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		The resource both human & financial is inadequate considering the vast areas, difficult geographical terrain, tough climatic conditions, number of villages requiring eco-development & the presence of large number of rare/endangered species of flora & fauna & the high level of biotic pressures.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	None is trained in regular wildlife course. ROs & Fgds. got two week refresher training at Corbett Wildlife Tanning Centre Kalagarh.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		The staff performance management of available staff is linked to achievement of management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Public participation is limited to eco-development, tourism management & man power availability for various works undertaken in PAs. Due to non allocation of funds for eco-development this activity is generally neglected.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		The complaints are routinely addressed without much of follow up.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		All the 42 villages within PAs & many more outside PAs are resource dependant on PAs. In the absence of final notification of NP & non settlement of rights in the WLS, there is hardly any restriction on resource use. During World Bank aided Forestry project (1998-2003) eco-development committees were formed with adequate representation of women but after project withdrawal the committees are now almost defunct.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		The management plan contains adequate information but hardly any public person other than researchers have access to it. The brochure of the PAs has limited information mostly of visitor interest which is publicly available .It would be desirable to put Management Plan in district public library.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		These is enormous tourist potential such as: ➤ Har-ki-Dun and Changsil treks. ➤ Mountaineering to Swargarohini, Kedarkantha and black peaks. ➤ Ruinsiara valley trek. Good number of visitors go to these places in summer and rainy season. Information centre have been set up at Himari, Naitwar and Sankari. The website of Govind NP & WLS is under preparation. The Forest Rest Houses on trek routes are reasonably good and in great demand. Registration of Guides and porters has been done. Tented accommodation in FRH compounds are also proposed.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor	✓	This is for the first time that any evaluation at Govt. of India level has been undertaken. Some monitoring during World Bank aided project was also undertaken. There is no systematic evaluation for management related trends.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		The list of infrastructures is provided in the Management Plan & the maintenance schedule is made year wise & inspected by higher officers but the fund availability is always uncertain.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Reliable estimations of population of threatened/engaged species is difficult due to difficult terrain & limited & untrained manpower. However rough estimates are prepared every year for all important species which may not be reliable due to unscientific methods that are employed for preparation of such estimates.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Due to heavy grazing pressure & absence of regular monitoring it is difficult to assess the biological community structure.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor	✓	Due to non-issuance of final notification of NP & non settlement of rights in PAs the heavy biotic pressure has remained to be abated.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Due to unique & scenic beauty & presence of large species of flowering plants & enchanting snow peaks at close quarters, the visitor expectation are generally fulfilled. The trekking to Harkidoon offers most satisfying experience in the clean & beautiful environment.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Due to non-settlement of rights the neighbouring and adjacent communities are generally non supportive of PA Management.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		The Jaunsar-Babar cultural heritage is unique which has so far survived but there are no special efforts by PA Management to protect the same except organizing local folk dances as part of extension program.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

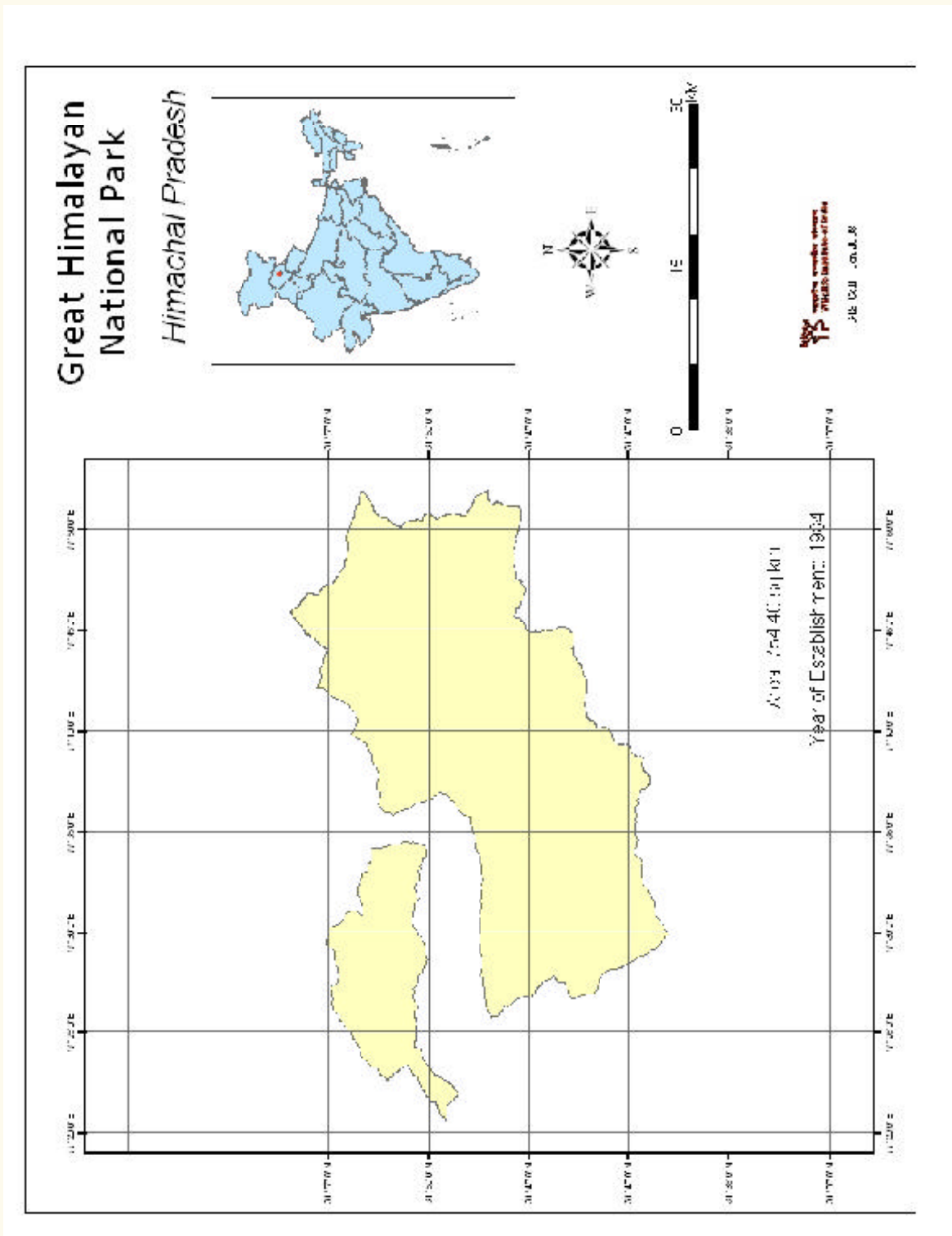
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	17.50	53%
2.	Planning	10	10	90	52.50	
3.	Inputs	05	10	50	25.00	
4.	Process	05	10	50	25.00	
5.	Outputs	04	10	40	20.00	
6.	Outcomes	06	10	60	30.00	
Total		33		320	170	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Govind Pashu Vihar (Uttarakhand)

5. Great Himalayan National Park (HP)



Great Himalayan National Park (HP)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		This is one cluster of PAs where values of site have been well documented, assessed and monitored. This exercise was largely done during FREE Project and later on follow up was done due to personal interest taken by Sri Sanjeeva Pandey the out going Director who was at the helm of affairs for long time.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats to the site values has been systematically identified assessed in the management plan and after the extensive research input in FREE Project they have further been fine tuned in the revised/updated Management Plan.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Though final notification of NP has been issued after settlement of rights and payment of substantial compensation but grazing by shepherds has not stopped completely. Many herds of goats/sheeps use the NP for transit. In Jiwanal Valley of the NP rights of some villagers have not been settled as their rights were not recorded in revenue records, instead rights of the then king who ruled these villages are recorded. Parwati catchment of the NP is still not under the management of Director, GHNP and grazing by large herds of sheep and goats continues. Collection of medicinal herbs has also not been stopped completely. Efforts are being made in right direction.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		After correctly identifying the site systematic categorization with proper zones has been done. Area where rights could not be purchased and villagers could not be relocated has been separately designated as Sainj Sanctuary. The maximum biotic pressure on the NP was from western boundary side which has been designated as eco development zone where necessary efforts are being done to contain the pressure.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		GHNP along with Tirthan and Sainj WLSs and Ecodevelopment zone have comprehensive management plans for each PA which have been up dated recently on the basis of inputs got from World Bank aided conservation of biodiversity project and the experiences gained in ecodevelopment process.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The Management Plan has been updated recently with inputs from COB project and MP for all 3 PAs is now operative from 2005 to 2010.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Ground work to safeguard the biodiversity values of all the 3 PAs has been done except securing the management of the portion of NP falling in Parvati Valley. The enforcement part needs to be strengthened further.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Stakeholder participation in planning process started in the COB project (1994-99). In the main ecodevelopment component of the project an area of 5 km. from the Western periphery of GHNP was notified as Eco-zone with an area of 326.6 km ² including 61 km ² of Tirthan WLS. The zone comprised of 160 villages with 2200 households and 14000 human population. After the final notification of GHNP was issued in 1999 the participatory management process began and in 2000 a community based organization SAHARA (Society for Advancement of Hill and Rural Areas) was formed. Women Savings and Credit Groups (WSCGS) covering all forest dependent households were formed and financially strengthened with the help of the wage earnings from various habitat development activities of the PAs and by securing funds from Got. of India for two major medicinal plant propagation projects. The WSCGS has good sums of revolving funds with them. The aim is to make the GHNP management as 'facilitator' of community based organization involving user Groups, local NGOs, Mahila Mandals, Yuvak Mandals, Ward Development Committees and panchayats. GHNP management selected 12 women from ecozone and trained them as Group Organizers to work in the villages. They have been given training in appropriate trades/ subjects. They are now identifying the poor households and organizing them into small Women Saving and Credit Groups (WSCGS). 92 WSCGs have been formed covering about 980 women of poor HHs. Their collective savings in local banks till 2004 was 8 lakh Rupees out of which they have done alternative income generation activities and earned more than Rs. 32 lakhs.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		GHNP represents one of the few areas of some natural flora and fauna in the temperate subalpine and alpine zone of the western Himalayas, an area of high species, diversity. It is large enough with the adjacent sanctuaries of Rupibhawa, Sainj, Tirthan and Kanawar and Pin Valley NP to maintain viable populations of all plants and animal species characteristic of these zones and through remoteness and inaccessibility its protection should be easier than other areas of similar category. In global context GHNP stands out as an important conservation area in the North Western Himalayas (Biogeographic zone -2A) with global conservation significance. It is heartening to note that habitat restoration programmes in this important PA cluster are being systematically planned and monitored.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	-	No reintroduction ever done.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	-	
Reintroduction programmes are generally well planned and monitored.	Good	-	
Reintroduction programmes are thoroughly planned and monitored.	Very good	-	

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The best protection strategy for such a site is through involvement of local people who exert pressure on the PA and who have hardly any alternatives. There is not much of external threat to the PAs, so this strategy which is the main strength of the management is though slowly but working well. To deal with law breakers there are anti-poaching camps, regular patrolling and a good intelligence network in the villages.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		The human wildlife conflicts in such PAs are always acute due to complete dependence of local population on forest resources and absence of alternatives. With the rights of people having been settled through payment of compensation and formation of WSCGS on a large scale and involvement of local NGO such as SAHARA the conflicts can now be better addressed.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Efforts to create the Greater Himalayan Conservation Authority (GHCA) are being made to integrate this cluster of PAs into a wider ecological network. GHNP (754.4 km ²), its ecozone (265.6 km ²) Sainj WLS (61 km ²), Tirthan WLS (90 km ²), The Pin Valley NP (676 km ²), Rupibhawa WLS (738 km ²) and Kanawar WLS (61 km ²) all totaling to about 2600 km ² area in the heart of HP if brought under one management umbrella will make it an important conservation area of N-W Himalayas with global conservation significance.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		There has always been deficiency in the sanctioned strength which itself is not enough looking at the geography and climatic condition of the PAs. At the moment there are 7 vacancies (25%) in FGds., 1 in Dy. Ranger (12.5%) and 1 in Forest Ranger (25%). The main job of field personnel is patrolling in difficult high altitude areas. The equipment and training for such patrolling is inadequate.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Requirement of vehicles is only at top management level which is sufficient. Equipment for high altitude trekking and camping is insufficient and buildings for field staff and anti poaching camps need improvement in terms of numbers and regular maintenance.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria																								
Condition	Category*	(Tick ✓)	Remarks																					
Resource allocation is adhoc and funds are never released in time.	Poor		<p>The financial allocation under centrally sponsored scheme 'Development of NPs & WLSs' during past 5 years was as under :</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Amount Sanctioned</th> <th>Amount Spent</th> </tr> <tr> <th></th> <th>(lakh Rs.)</th> <th>(lakh Rs.)</th> </tr> </thead> <tbody> <tr> <td>2001-02</td> <td>18.00</td> <td>9.75</td> </tr> <tr> <td>2002-03</td> <td>9.50</td> <td>8.50</td> </tr> <tr> <td>2003-04</td> <td>17.70</td> <td>10.53</td> </tr> <tr> <td>2004-05</td> <td>19.42</td> <td>18.67</td> </tr> <tr> <td>2006-07</td> <td>37.75</td> <td>23.70</td> </tr> </tbody> </table> <p>reason for low utilization in all cases is late release of funds by State Govt. and low working period due to snowfall. In addition 20 to 25 lakh rupees are provided by State Govt. under non-plan/plan budget for salary of staff etc. During last 4 years 7 to 8 lakh Rupees were also provided by State Govt. under Ayurveda for raising of medicinal plants in Ecodevelopment zone.</p> <p>One very positive development is funding by NHPC (engaged in River Valley Hydro Project in Parwati Valley) to the tune of Rs. 15 crore for 8 years during stage II of the project which is in progress and promise for more funds during III phase. This can be of great help if the proposed Greater Himalayan Conservation Authority comes in place. The work in these PAs under this scheme started in 2002-03 when 1.75 crore was sanctioned, then Catchment Area Treatment (CAT) plan was made and during 2005-06, Rs. 61 lakh was sanctioned. For 2006-07 Rs. 3 crore has been set aside. The performance as reported under various items is a result of sum total budget and not merely budget provided by Govt. of India under CSS.</p>	Year	Amount Sanctioned	Amount Spent		(lakh Rs.)	(lakh Rs.)	2001-02	18.00	9.75	2002-03	9.50	8.50	2003-04	17.70	10.53	2004-05	19.42	18.67	2006-07	37.75	23.70
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2006-07	37.75	23.70																						
Some specific allocation for management of priority action and some funds released in time.	Fair																							
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓																						
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good																							

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		There are various local, national and international NGOs supporting various programmes in these PAs and SAHARA a local NGO is most popular among local people.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Because of River Valley Project money being made available to this cluster there should be no difficulty of funds provided that it is usefully utilized.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		The FD and Dy. Director are diploma course trained from WII and one Forest Ranger is certificate course trained from WII. 2 Forest Guards are trained in wildlife training course run by State Govt. There is good exposure of field staff due to World Bank aided COB Project (1994-99).
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good	✓	
All trained managers and frontline staff posted in the site.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Staff performance down to F.Gd level specially in ecodevelopment, extension and monitoring of wild animal population is directly linked to achievement of management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		The description under Remarks column of 2.5 (planning) clearly brings out the effectiveness of public participation in PA management.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good	✓	

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		The system is operational but no special efforts have been made to make it responsive.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		This is the most positive and effective aspect of the PA management of GHNP and other areas under its umbrella. Formation of 92 WSCGS covering 980 poor HHS. Large savings by these groups in local banks undertaking alternative income generation activities thereby earning over 32 lakh rupees. Facilitating community based organizations involving user groups, local NGOs, Mahila Mandals, Yuvak Mandals, Ward Development Committees and Panchayats are some of the highlights of this activity.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good	✓	

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Adequate information in the form of management plans of all 3 PAs, Power Point presentation, soft copies of MPs, short films, brochures and folders etc. are available. Exhibits in interpretation centres at Sairopa and Manali also give good information.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Interpretation Centre at Sairopa and Manali Provide adequate information to visitors. Information for community based eco-tourism is given in the brochure. The visitors have to trek and camp in open places. There are limited Forest Rest houses except at Sairopa and few other places. Parvati Valley trek is popular.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

5.3 Are management related trends systematically evaluated and routinely reported?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		There was intensive evaluation during World Bank aided COB project and reporting system during 2 years after the project was also regular. The present evaluation will be first of its kind based on IUCN guidelines.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		The maintenance schedule is as per departmental norms with adequate funding from River Valley Projects. There should now not be any difficulty in maintaining the infrastructures.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Detailed census/estimation of important species of flora and fauna was done by researchers and field staff during FREE Project which is being updated on annual basis. Baseline survey of galiforms has also been done. The population of threatened/endangered species are stable. There may be marginal increase in some species after strict protection.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Census of this level will need more scientific inputs but looking at the flora, the biological communities in most of the areas are supportive of native biodiversity.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Threats have been reduced to a considerable extent after public participation and education and purchase of rights in NP. It will take sometime for the threats to be abated provided efforts at present level are continued with the same zeal.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Due to the geographical and climatic conditions only hardcore nature lovers, trekkers, birdwatchers and cultural visitors go to the PAs most of their expectations are met.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		With continued efforts in ecodevelopment, involvement of women and community base organizations, the neighbouring communities are by and large supportive. The scenario before 5-6 years was quite opposite.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Due to involvement of local people specially women and community based organizations, the cultural heritage is being valued and protected. The street theatre through SAHARA is very popular and totally based on local culture. Kullu Valley is called the Valley of Gods and the Dushera festival which has a exclusive local touch is worth seeing. It is witnessed by large number of outsiders including foreigners..
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

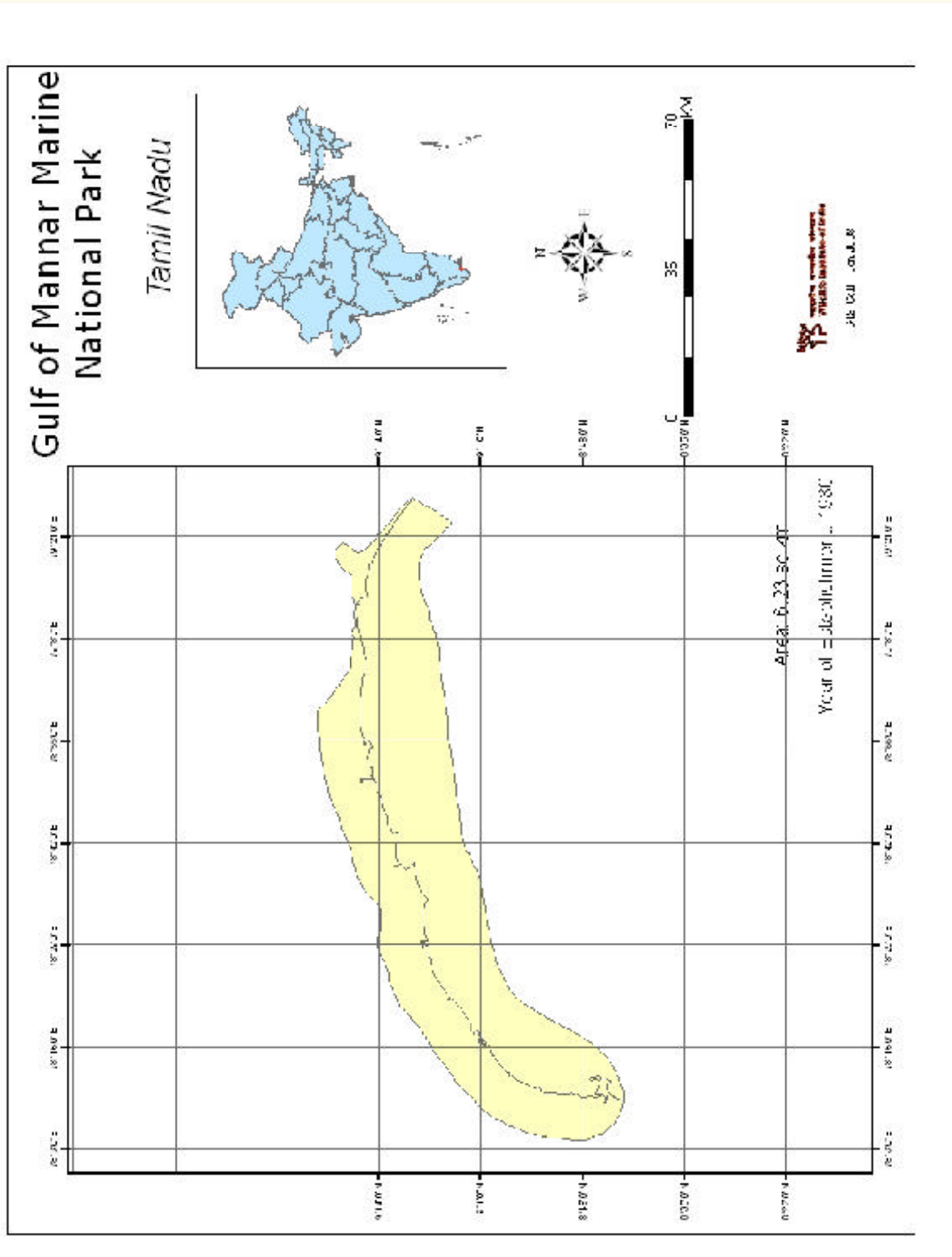
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	25.0	78%
2.	Planning	10	10	90	77.0	
3.	Inputs	05	10	50	35.0	
4.	Process	05	10	50	40.0	
5.	Outputs	04	10	40	30.0	
6.	Outcomes	06	10	60	42.5	
Total		33		320	249	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

6. Gulf of Mannar National Park (Tamil Nadu)



Gulf of Mannar National Park (Tamil Nadu)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor	✓	
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Not applicable
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Not applicable
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Gulf of Mannar National Park (Tamil Nadu)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good	✓	

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Gulf of Mannar National Park (Tamil Nadu)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Great Himalayan National Park (HP)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5. Output

5.1 *Is adequate information on PA management publicly available?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 *Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 *Are management related trends systematically evaluated and routinely reported?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor	✓	
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 *Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 *Are threatened/ endangered species populations stable or increasing?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor	✓	
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 *Are biological communities at a mix of ages and spacings that will support native biodiversity?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 *Have the threats to the site being abated/ minimized?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Gulf of Mannar National Park (Tamil Nadu)

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

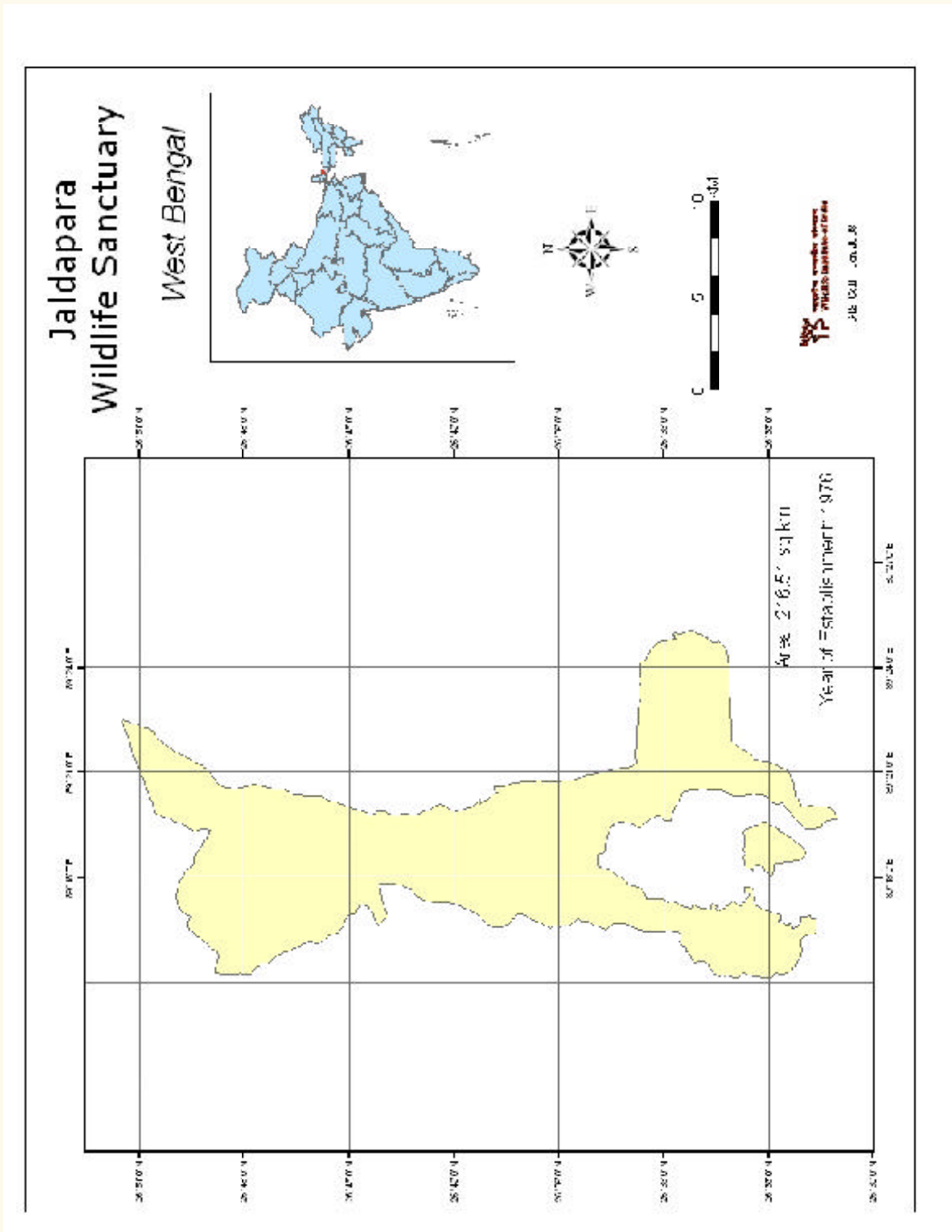
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	22.5	60%
2.	Planning	8	10	80	57.5	
3.	Inputs	05	10	50	27.5	
4.	Process	05	10	50	30	
5.	Outputs	04	10	40	15	
6.	Outcomes	06	10	60	32.5	
Total		33		310	185	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Gulf of Mannar National Park (Tamil Nadu)

7. Jaldapara Wildlife Sanctuary (West Bengal)



Jaldapara Wildlife Sanctuary (West Bengal)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The value are well documented in the management plan and assessed and monitored through annual reports and periodic census.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats are identified in the management plan and assessed in annual reports
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	The sanctuary is highly vulnerable to biotic interferences, which have been kept under control through rigid protection and EDC Committees.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The site is well identified and demarcated with clear cut zonation of core, buffer and eco-tourism zone.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		The site has got detailed and scientifically drawn management plan which is valid upto 2006-2007
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Yes action to revise the management plan has already been taken in hand.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		The values are well documented in the current management plan. It adequately safeguards matroflora and macrofauna.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Except preparation of scientific management plan, the stake holders are involved in other planning process.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		The management plan identifies details of areas requiring habitat restoration including nature and quantum of restoration monitoring is done by frequent field visits.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good	✓	

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Spp. to be re-introduced are listed in the management plan with indication of source of such animals. Earlier program of re-introduction was properly monitored.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Jaldapara Wildlife Sanctuary (West Bengal)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The site is well covered by R.T. network. Regular patrollings are done through vehicle, elephant and on foot in irregular cycle spread over 24 hours.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Man animal conflicts are mitigated by electric fencing, mobile patrol party and elephant squad, but still some damage by elephant is there.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The site is integrated into eastern doors elephant reserve and also T.C.U of WWF following eco-system and landscape approach.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good	✓	

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		The area has adequate committed personnels located over strategic areas of the sanctuary. Total resources available from various sources are adequate and all staff work towards specific management objective.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Due to high priority given to the sanctuary it gets funding from non-plan, state plan and other department also shortage of government vehicles is addressed by hired vehicle. Some specific objectives are met up from other departments funds also.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good	✓	

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Since funding comes form various sources often they are not available in time. These are also subject to adhocism and person linked. However priority actions are attended.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		NGO's participation is limited to wildlife census, public awareness program, supply of some patrolling kits and occasional field training about wildlife crime.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Jaldapara Wildlife Sanctuary (West Bengal)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Though human and financial resources are generally adequate, but these cannot be depended upon, because there are many vacancies and fund from other sources not guaranteed.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Only few trained officers and frontline staff in wildlife management.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		All staff work for specific management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good	✓	

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Public participation is there in most of the aspects of P.A. management except where specific scientific and technical skill is required.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Jaldapara Wildlife Sanctuary (West Bengal)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Most of the complaints are heard and attended, but there is no register of recording all such comments or complaints with note of how it is attended.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		The demand of livelihood issues including requirements of natural resource use is very high only some of them could be met through E.D.C eco-tourism etc.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Brochures booklets and hoardings are there giving general information only.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Jaldapara Wildlife Sanctuary (West Bengal)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Visitors facilities are there in selected places which generally enhance P.A. values.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Management related trends are systematically evaluated and reported through annual and special reports in routine manner.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Systematic inventory records are there for public assets and also its maintenance schedule including plantation and habitat improvement works. However due to fund constraints all maintenance could not be done in time.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		All endangered and threatened spp are either increasing or stable. Special rise is there in Rhino, Bison and Sambar population.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good	✓	

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Recognised macro biological communities are generally healthy and sustain native biodiversity.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Illegal felling and poaching reduced to great extent but some damage from grazing, flood and cement dust coming from Bhutan dolomite mines remain.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Most of the visitors can see Rhino, Bison, Sambar and hog deer almost in all visits.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Panchayats and E.D.C members; including tea gardens are supportive of P.A. management.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Cultural heritage sites of Bania Ruins and Totos of Totopara are addressed to the extent possible and their degradation and deterioration significantly addressed.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	17.5	77%
2.	Planning	9	10	100	92.5	
3.	Inputs	05	10	50	37.5	
4.	Process	05	10	50	35	
5.	Outputs	04	10	40	25	
6.	Outcomes	06	10	60	45	
Total		32		330	252.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Jaldapara Wildlife Sanctuary (West Bengal)

8. Keibul Lamjao National Park (Manipur)

Keibul Lamjao National Park (Manipur)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The value are evaluated and monitored
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats from the Ithi barrage and the hydro-electric power generation at Loktak lake has been identified. But all these threats are not associated with day to day management of the PA.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		The site has some biotic interference.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Zonations has been done in a broader dimensions. Being dominated by floating vegetation, detailed may not be possible.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		The site has management plan, which is comprehensive. But (draft) has not yet been approved by Government. CWW guided the MP preparation.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 *Is the Management Plan routinely and systematically updated?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The time of up dating has not yet come. (2001-2011)
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		The site is safeguarding the threatened Biodiversity value.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		State holder do participate in the planning process.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		The second home for Sanghai has been established in the vicinity of Imphal city. Hence the question of the reintroduction does not arise, under the continued ecological threat from the Ithi barrage.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Protection strategy is by and large working.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Being a part of Loktak Lake (Ramsar site) it is automatically integrated with the wider ecological network.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good	✓	

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Full attention is given to the PA, as this is the prized PA in Manipur.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		By and large, the resources are well organized. The resources are not adequate.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Resources are used as per the priority action. The resources are not adequate, primarily because of the different levels of conflicts including insurgency.
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓	
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Some NGO support is coming to the PA.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		PA authority do not consider that to be sufficient.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Very less Wildlife trained persons are available.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		This is mainly related to the protection of Sanghai.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Number of eco-development activities have been taken up.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Reports are available. Booklets, Posters, T-shirts are all available. People know about the PA, and has a lot of understanding about the problem in the protection of the PA.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Some facilities are available. But because of the insurgency problems, even these are under utilized.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		These are kept systematically.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		The census is done systematically. Now WII has got a project on Sanghai. They are helping in the census.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good	✓	

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		The emphasis only on Sanghai. Some study and reports are available on birds and mammals.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		The threat is a permanent nature, and as reported the Barrage is gradually degrading the "Phundis". The solution cannot come from Forest department alone. Political will to save it is a must.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		People can see the unique vegetation the "Phundi". The sighting depends on the time and chance.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Good support.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		This species "sanghai" has been identified as cultural asset. Hence, a lot of support from their community is being offered.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good	✓	

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	25	74%
2.	Planning	9	10	100	72.5	
3.	Inputs	05	10	50	35	
4.	Process	05	10	50	32.5	
5.	Outputs	04	10	40	32.5	
6.	Outcomes	06	10	60	47.5	
Total		32		330	245	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keibul Lamjao National Park (Manipur)

9. Keoladeo National Park (Rajasthan)

Keoladeo National Park (Rajasthan)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The site has been studied extensively by researchers from B.N.H.S, SACON , WII , Dehradun and host of other organizations as a result there are Doctoral studies [15] and hundreds of research papers .Site values are scientifically assessed ,studied and monitored. Bird count involving volunteers , is carried out regularly.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats include paucity/ erratic water supply, invasion of weeds, biotic pressures resulting in forest fires /grazing, industrial pollution , excessive or uncontrolled tourists visitation , feral cattle /dogs etc. Being identified as World Heritage as also Ramsar convention site is being critically watched over by inter national agencies. Air quality is being monitored in context of proximity to major industries
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		National park has well defined boundaries and is fenced by masonry wall. How ever, there is no cushion to contain high pressures to meet bonafied needs.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		In the absence of buffer around the park limitations are severe but never the less, well designed , apt zonation provided for. Scope for Eco-development activity well defined; possibility to excise areas under pressure need be pursued.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Ms Shruti Sharma/ B.Praveen,'s plan is science based, comprehensive and seen to have incorporated inputs form different sources .
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		System for routine and systematic updating in place.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Initially ,Siberian crane was central to conservation values but there are other equally important values and overall planning addresses these needs.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Being N.P. scope of stake holders in traditional way is limited ;Consultations within now available frame work(Advisory committee under Sec 33 B, Amended Wild life [Protection] Act , need be availed. Ear marking funds from MP.'s quota is an indication of elected representatives interest in park management. Contribution of WWF /swarovasky in establishment of Nature interpretation center is a welcome feature.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Quantity and time of water release , into the Park , in itself is a major tool for maintaining ecological status; controlled forest fire / grazing, removal of grass /flammable material to reduce fire hazard ;eradication of invasive aquatic and terrestrial weeds have been given importance due to it
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		For biological control on Feral cattle /dogs it is necessary to re introduce Leopard if sustainable. Park is to small to hold viable Tiger population . Re introduction of Siberian crane is a multifaceted issue and need inter national co operation too. Present planning process do not address these issues in depth.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good	✓	
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Plan includes prescriptions to raise height of wall, repair or newly construct where ever essential; flying squad exists .For forest fire prevention support of stake holders ensured. (Sharing thatch grass / fuel wood are issues on which policy decisions need be given early)
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Grass cutting /removal of firewood will helping earning good will.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Present scenario have limited options so far as duly established PAs but through concept of Community reserve avifauna potentials of private lands could b harnessed.
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		With area of 29km ² , park staff headed by DyCF who is assisted by ACF [1], RFOs [3] and adequate subordinate staff is appropriate; assignment of duties and resource allocation suitable to achieve management objectives.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Jeeps [2] , motor cycles [6], canters ,tractors, electra vans, tempo etc for mobility, wireless net work for communication ,fire arms for protection , administrative and residential quarters are available to staff.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Staff for research ,monitoring was not in place[Research officer]
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Considerable inputs in the sphere of research but it may not always need based for the PA management. WWF has provided vehicles and interpretation center.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Gol, as also state allocations inadequate, considering site needs. Human resources sufficient.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Site has experienced staff , subordinates are locals and thus have limitations [para 2.4.6, SEC report] . Though not trained in a formal manner ,in-service training/orientation given to staff ,meets demand at that level.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good	✓	
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Conventional management control is , in away, ensures link as desired but specifically designed system not in place.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		WWF conducted number of sensitization programs for people around the park ; department has carried out Eco- development activities; all this have generated much needed good will for the Park management. Riksha pullers and guides , the stake holders do render assistance in protection / forest fire control as expected under section 27 (2)(a) to (e) Wild Life {Protection } Act. An early resolution on thatch grass and firewood collection/distribution amongst peripheral villages (on lines of section 29) at the policy level is necessary.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Park manager opines that generally stake holders are contented ; entries in visitor books at reception and Interpretation centers were in support. Media at local/state /national levels has been alert and responsive judging from the coverage that park receives.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Being National Park technically area is free of any rights and concessions; but peculiarity of having no buffer around it needs careful handling at the legal / policy level.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		With large number of on going research projects, information on management aspects get media attention e.g. removal of grass ,grazing , fire control, likely pollution impact , status of avifauna etc, etc. Advisory committee as provided under WL (P) Act, Amendment 2002 need be constituted.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Park is small and mostly there are day visitors ;Rajasthan T.D.Corporo./ I.T.D.C./ private hotel provide camping facilities . Tourist interface with park through "riksha " drivers , guides is well managed; both are good job as park ambassadors. Dr.Salim Ali Interpretation center is of high quality. Road side signage need improvement.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		As an IBA and world heritage site , critical avifauna population estimations is an going exercise which is transparent.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Schedules generally in place but requisite funds wanting.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor	✓	Park's special feature is migratory birds , park is a staging ground for in /out ward journeys for birds coming from near and far off places like palearctic regions This year mainly due to less rainfall wet lands have not filled up. How ever, there have been bad years in past followed by quick recovery. How resilient is the system , will be tested soon ; problem of sustained and timely water supply is a key element with multi-dimensions. Presently, status is poor.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		This man made eco system needs careful handling , wet lands are not climatic climax, different guilds require specific conditions and thus constant moderating of local factors essential ,it is an on going continuous process .Basic design and systems are sound. Long term solution to timely and adequate water supply is a key that need be resolved or else only few elements have a future in this area.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor	✓	Some threats to site have been abated ; (short comings not at the field level). Attempt to use ground water to augment water supply as seen on ground is laudable.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Barring water scarcity years, visit is rewarding to average visitor
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Most neighbors / communities are supportive
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Planned approach to management under way, but lot need be done at policy levels.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

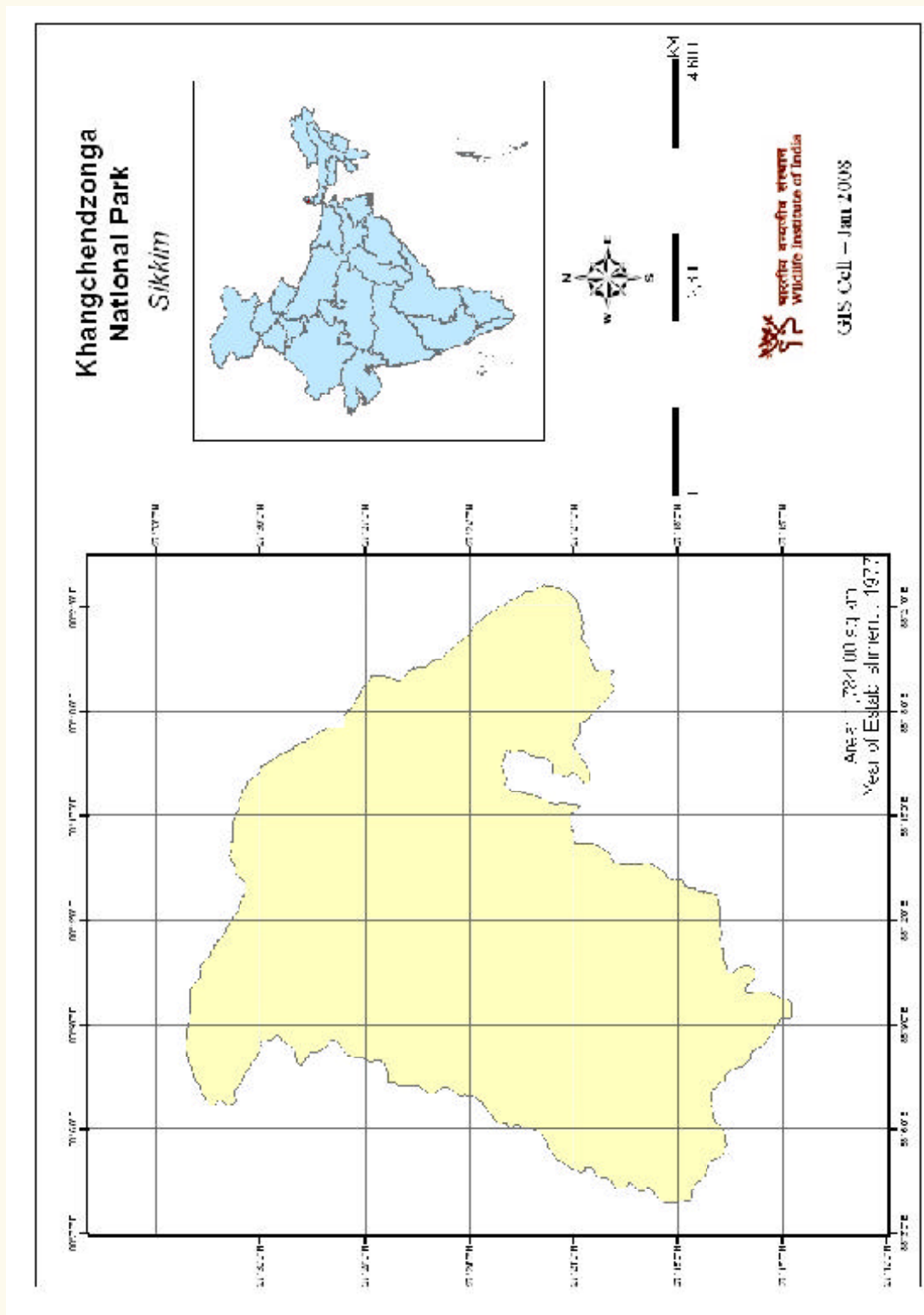
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	29	76%
2.	Planning	9	10	100	78	
3.	Inputs	05	10	50	44	
4.	Process	05	10	50	32	
5.	Outputs	04	10	40	31	
6.	Outcomes	06	10	60	36	
Total		32		330	250	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Keoladeo National Park (Rajasthan)

10. Khangchendzonga National Park (Sikkim)



Khangchendzonga National Park (Sikkim)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Values identified and systematically recorded
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats are systematically identified, on all aspects
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from outside human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		The site do not have very high biotic interference , as the site almost inaccessible from different sides. There is international boarder in northern and eastern sides.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 Is the site properly identified (NP M/LS) and categorized (in terms of Zonation) to achieve the objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Site (habitat) identified of various identified threatened species, notification for that has been done.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly systematically categorized with proper zonation plans.	Very good	✓	

2.2 Does the site have a comprehensive Management Plan?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor	✓	The comprehensive management plan is under preparation. Non-availability of the Topo sheets of the sensitive boarder areas is one of the reason (only 44 out of 77 available)
Management Plan exist but not comprehensive	Fair		
Site has a comprehensive Management Plan	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor	✓	Does not arise
Management Plan sometimes updated in ad-hoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguard the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Sites does protect a large number of the threatened species.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		The majority of the stakeholders do participate in the planning.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good	✓	

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely ad-hoc.	Poor		The habitat restoration programme is well planned. But due to the remoteness of the various sites and lack of man power, big plans cannot be taken up.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		The reintroduction programme has not yet been properly designed, but some planning has been done
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Khangchendzonga National Park (Sikkim)

2.8 Does the site have an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The protection strategy of the forest department is good and effective. The department knows the dynamic problems.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Site is capable of mitigating human-wildlife conflicts, but it may not be immediate
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network / landscape.	Poor		The site is located in the vast Himalayan landscape, hence there is no major activities the department can take. the site is an integral part of the broad Himalayan alpine and sub-alpines land scape and ecosystem
Some limited attempts to integrate the site into a network / landscape.	Fair		
Site is generally quite well integrated into a network / landscape	Good	✓	
Site is fully integrated into a wider network / landscape.	Very good		

3. Inputs

3.1 Are the personnel well organized and managed with access adequate recourses ?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management	Poor		Personnel though few in number are highly motivated. Personnel are allocated, as far as practicable, towards achievement of the management goal.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Khangchendzonga National Park (Sikkim)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resource explicitly allocated for PA management.	Poor		There are very few vehicles and for that matter any form of other infrastructure. But what ever the resources available to the management that has not been utilised towards the achievement of the specific management objectives.
Some resources explicitly allocated for PA management. but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives	Very good		

3.3 Are resources (human and financial) linked with to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		In a number of cases the specific allocation of funds is being made to achieve specific management objectives
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		NGO made very little contribution or actively participated. Only training has been offered to forest staff.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Khangchendzonga National Park (Sikkim)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	Compared to the areas to be covered (18000 sq km) of inaccessible but very vital areas, resource is extremely insufficient.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained man power resources for effective management ?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and front lone staff in the site .	Poor		Very few trained man power
Few trained officers and front line staff who are posted in the site	Fair	✓	
A large number of trained officers and front lined staff are posted in the site.	Good		
All trained managers and front line staff are posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		With a very small staff strength, linkage is being done as far as practicable, to achieve the management objective.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		The public participation is praise worthy. This is systematically done. The example of selling of cattle by the villagers in some cases, due to the stoppage of the grazing by forest department, is an indicator of the success and the relationship maintained between the villagers and the management.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good	✓	

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		There is a responsive system of handling complains, but all the complains cannot be addressed.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		The livelihood issues are being addressed to some extent. The population been comparatively less in the fringe areas, hence alternative livelihood are being suggested and market linkages are being done by management
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5. Output

5.1 Is adequate information on PA management publicly available?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		The information on important wildlife and the natural resources like rivers and streams are available. Leaflets and brushers are available, apart from TV and Radio broadcasting.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		The tourism services are not adequate. The Department of Tourism in collaboration with the department of forest take up issues of tourism. There are enormous opportunities on the expansion of the tourism in collaboration with the department of forest.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		The connectivity with the Head quarters and the field is very good.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 *Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		It is done
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 *Are threatened/ endangered species populations stable or increasing?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		It is difficult to assess. There is no regular census of all the Threatened species available. This is mainly because of the terrain and the methodology for specific species. The photographic records of the important species are available.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 *Are biological communities at a mix of ages and spacing that will support native biodiversity?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		As the situation prevails, it is expected that the native population will flourish.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Because of the good relation with the fringe villagers , a number of threats have been abated.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		The expectations of the visitors are normally met, in terms of information, etc. and offering assistance in the area of such a terrain.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		The relationship is very good. Intelligence net work is also in place.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good	✓	

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		The management has fairly good idea about the specific cultural assets, of the Lepcha and Bhutia communities. They are motivated to protect the assets.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	27.5	72%
2.	Planning	10	10	100	69.5	
3.	Inputs	05	10	50	27.5	
4.	Process	05	10	50	37.5	
5.	Outputs	04	10	40	27.5	
6.	Outcomes	06	10	60	47.5	
Total		39		330	237	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Khangchendzonga National Park (Sikkim)

11. Kishtwar National Park (J&K)

Kishtwar National Park (J&K)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The values of Kistwar National Park are generally assessed in the Management Plan, which has recently been prepared. The monitoring is done in a limited area of about 180 km ² (out of 425 km ²), which is under the control of wildlife department though the intention notification was issued in 1981.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor	✓	Very general threats like poaching, grazing, woodcutting, fire, snow and insects are mentioned in the management plan but they have not been assessed for different parts of the National Park.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	Only the glacial, snow bound and rugged upper reaches of the Park are free from biotic interferences due to being unapproachable. In all other approachable areas the site has extensive human and biotic interference. There are over 20 villages inside the Park and equal number in the immediate surrounds. 30 to 40 thousand sheep and goats from neighboring and far off areas remain on the high altitude pastures from May to September. Dependence of villagers for timber, fuel and fodder on the National Park is total. Medicinal plants are also extracted. NHPC has proposed two Hydroelectric Projects inside the Park for which 9 km ² land is being demanded. State Govt. is keen to get these projects through but they have not yet been cleared by Govt. of India under Forest Conservation Act. 8 Km. motor road is under construction inside the NP and felling of oak and other trees is being done freely. Construction of road and buildings at Dam site in clear violation of FCA is a serious matter. There are some 25 'Bahaks' (high altitude pastures) inside the National Park over which villagers from neighbouring areas have rights of grazing and Bakarwals and Gujjars who are seasonal nomads keep over 25000 cattle heads (sheep, goats, horses, buffalos) from May to September.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Though 70% of the NP area is proposed to be managed as core zone and rest as buffer zone as mentioned in the management plan but on ground there is hardly any demarcation or restrictions. The intention notification of the N.P. issued as far back as 1981 is seriously defective as it includes the private land holdings and villages inside. No settlement proceedings have been undertaken nor any efforts are visible in this direction. The only way to make the NP viable for long term is to exclude the villages and private lands along with adjoining RF compartments during the settlement Project and make this a Eco restoration zone on the lines of GHNP in HP & keep the area under the management of NP authorities and carryout intensive ecodevelopment activities in this area. The Park area on the ground is reported to be 1790. 88km ² where as in notification only 425 km ² area is mentioned. By excluding villages and few compartments of RF for practicing bonafide rights the viability of the NP will be ensured.
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		A Management Plan has recently been prepared for 5 years (2006-2011) but the values and threats to site values have not been properly identified and needs review with the help of some competent naturalist/researchers. The present Regional Wildlife Warden has the potential to get it properly prepared under his guidance.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The Management Plan has just been prepared and needs review and proper management prescriptions.
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor	✓	Due to difficult geographical configuration of the site it has great potential for many threatened species of fauna and flora but the heavy biotic pressure makes the PA vulnerable.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Due to faulty notification and lack of efforts to remedy the same there is general apathy of local villagers to participate in the planning. However, scientists are involved in census operations and PA management helps the interior villages in maintenance of footpaths and bridges. Local people participate in different activities as labourers and at times also provide intelligence to PA Managers.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Being a high altitude NP very little habitat restoration programme are carried out except occasional planting and pasture development. In fact the best habitat restoration programme for such a habitat would be minimizing and regulating grazing, removal of forest produce by local people etc.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	–	No such programme has ever been undertaken in the PA.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	–	
Reintroduction programmes are generally well planned and monitored.	Good	–	
Reintroduction programmes are thoroughly planned and monitored.	Very good	–	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The only protection strategy is the foot patrolling by frontline staff posted in far flung areas. Staff strength being poor this is not effective. During winter there is hardly any strategy except collection of intelligence, though important species become vulnerable as they come down to habitations. Due to unchecked grazing in the N.P. there is little achievement.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor	✓	The conflict is due to crop raiding by herbivores, killing of sheep and goats while on high altitude pastures by snow leopard and brown bear, cattle lifting by leopards and mauling by black bears. Provision for compensation is only in case of human kills/injuries and there is no compensation for cattle killing. No other mitigatry measures are practiced.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The site has a great potential as well as there is need for wider ecological integration with Paddar range of Kistwar territorial Forest Division and some PAs in Chamba district of H.P. This site can be a potential alternative for Hangul. The recent census findings have reported presence of Hangul in the N.P. Paddar Range has good population of Himalayan Tarh and the entire belt could be a good snow leopard habitat. So far no efforts have been made in this duration. The present Regional Wildlife Warden has recently tracked the area adjoining H.P. and has found it one of the most virgin forest areas with great potential for conservation of threatened species. The area also supports potential populations of several galliform species.
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		In the Management Plan, 5 Ranges, 10 Blocks and 25 beats have proposed against which only 2 Ranges, 2 Blocks and 19 beats are existing. Out of 46 forest compartments only 33 are in possession of Park management. Looking at the difficult terrain, adverse climate and high biotic pressure the staff strength is poor. Other resources such as equipment for high altitude trekking, Arms, camping equipment etc. are also poor.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		There is no road access in the Park and vehicles are needed only by top management. Equipment for high altitude tracking and camping are inadequate and the condition of buildings and roads specially bridges over fast flowing streams is very bad and needs immediate attention.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria																											
Condition	Category*	(Tick ✓)	Remarks																								
Resource allocation is adhoc and funds are never released in time.	Poor		Budget for Kistwan NP was provided by State Govt. under different heads of Plan and Non Plan budget as well as from centrally sponsored scheme of Development of National parks and Sanctuaries. Last 5 years comparison of State and CSS budget is as under:																								
Some specific allocation for management of priority action and some funds released in time.	Fair																										
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓																									
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good																										
			<table border="1"> <thead> <tr> <th>Year</th> <th>State Budget</th> <th>Allocation under CSS</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>2005-06</td> <td>74.89</td> <td>11.40</td> <td>15</td> </tr> <tr> <td>2004-05</td> <td>55.00</td> <td>10.00</td> <td>18</td> </tr> <tr> <td>2003-04</td> <td>52.00</td> <td>9.92</td> <td>19</td> </tr> <tr> <td>2002-03</td> <td>53.38</td> <td>8.40</td> <td>16</td> </tr> <tr> <td>2001-02</td> <td>47.22</td> <td>25.00</td> <td>53</td> </tr> </tbody> </table> <p>The management effectiveness has been evaluated on the basis of total budget allotted from different sources. In the State budget bulk of allotment in non-plan is against salaries and wages of the Staff and very little for habitat improvement antipoaching and other conservation activities. The CSS budget, though less in quantity but caters for important activities related to habitat management awareness, census, infrastructure development etc. Budget is not adequate either from State or under CSS and the release by State Govt. is also not timely. The funds under CSS were mostly utilized for infrastructure development, habitat improvement, census, staff amenities, publicity etc.</p>	Year	State Budget	Allocation under CSS	%	2005-06	74.89	11.40	15	2004-05	55.00	10.00	18	2003-04	52.00	9.92	19	2002-03	53.38	8.40	16	2001-02	47.22	25.00	53
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3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	There is no NGO support for the N.P. mostly due to insurgency problem.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Neither human nor financial resource is considered sufficient by the PA Manager.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Director, Kistwar NP is a post graduate in Wildlife Science from Aligarh University and Regional Wildlife Warden is also highly qualified and experienced. At lower level few staff is trained specifically in wildlife but their continuous posting in wildlife areas is an added advantage. The services of experts are utilized during census operations.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good	✓	
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Mostly protection is considered as management objective. There was no management plan for a long period and even the current plan is not very clear in management objectives particularly for the frontline staff.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		There is little public participation in PA Management except in fire control, occasional intelligence input and working as labourers in the activities relating to infrastructure development and habitat management. In fact due to faulty notification of the NP there is resentment in the people against the N.P.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor	✓	Complaints are handled in a routine manner and there is no responsive system in place.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	So long as the legal restrictions can be imposed, no comments on livelihood issues would be justified. At present there is free excess for grazing, timber and fuel wood collection, collection of NTFP etc. Some minor issues like distribution of Solar energy sources etc. are being addressed at small scale.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Information on PA management is available in brochures, folders, census reports and Management Plan.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	Due to insurgency problem there are no visitors going to the N.P. There are little visitor services developed but some informative brochures have been prepared.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		A detailed wildlife census was carried out in Kistwar N.P. and Paddar Forest Range of adjoining territorial FD in March 2006 with the help of Mr. Hilaluddin an expert consultant. A detailed report has been prepared giving population trends of important species. Prior to this, census of Ibex was carried out in 1999-2000 and detailed report was made. Both the reports give good account of habitat conditions and biotic interference and suggestions for improvement of management practices. No other evaluation has been carried out.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		There is a schedule of infrastructures (buildings, bridges etc.) maintained. Most of the buildings and bridges are damaged and not serviceable. Efforts are being made, though slowly to restore them with the help of CSS grants. Much more funds both from State and GOI would be needed to restore the assets to a minimum utility level.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria																																																					
Condition	Category*	(Tick ✓)	Remarks																																																		
Threatened/ endangered species populations declining.	Poor		The only detailed census of most of the important mammal species was done in March 2006 in which minimum and maximum estimated population size for following species has been given for Kistwar N.P.																																																		
Some threatened/ endangered species populations increasing, most others stable.	Fair																																																				
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6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Due to heavy grazing pressure it is not possible to assume that biological communities could remain at a mix of ages and spacing that will support native biodiversity. However, there are numerous unapproachable valleys and sites where this could be possible though no such survey has neither been made nor it is easily possible.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor	✓	The threats remain at the same critical level as there are no efforts to contain them except the poaching. Violation of FCA in construction of Hydroelectric projects has added a new dimension to the threats.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	There are no visitors due to insurgency problem.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		The communities in interior areas are to some extent supportive but those in the outer fringes are hostile due to faulty notification and absence of any efforts to settle the rights. Imposition of FCA and ban on road construction and other development activities without any proper solution in sight is another reason for hostility towards the N.P.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Cultural heritage assets are fully protected due to remoteness of the area.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

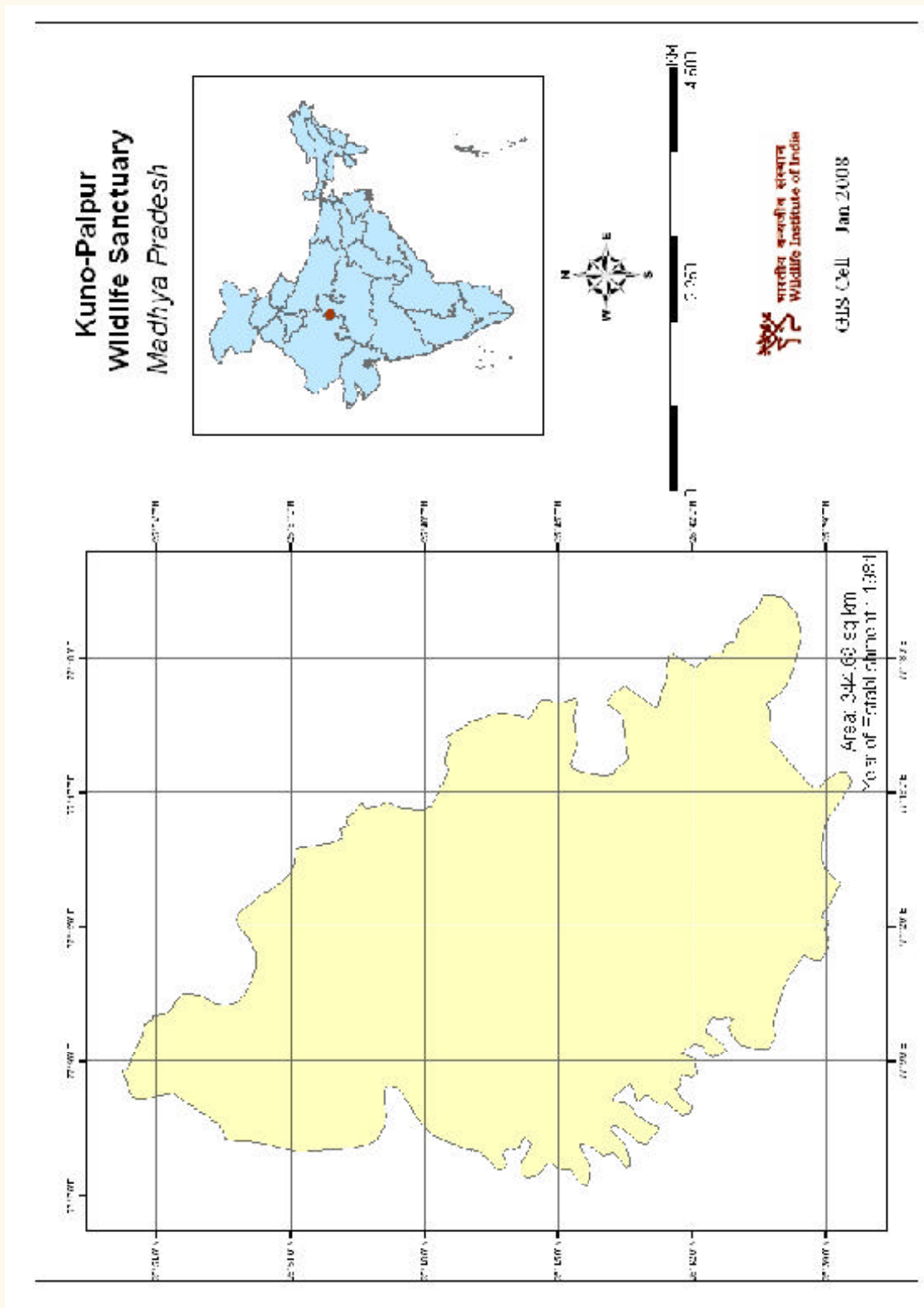
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	10.0	48%
2.	Planning	9	10	90	42.5	
3.	Inputs	05	10	50	25.0	
4.	Process	05	10	50	22.5	
5.	Outputs	04	10	40	22.5	
6.	Outcomes	06	10	60	32.5	
Total		32		320	155	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kishtwar National Park (J&K)

12. Kuno-Palpur Wildlife Sanctuary (MP)



Kuno-Palpur Wildlife Sanctuary (MP)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The PA has a well written draft management plan that spells out values of the area. Goal to re-introduce Lion, the mega predator, is a unique feature. Importance of possible corridor with Ranthambore.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Past history indicates law and order problems (dacoits infestation threats, past ill treatment of forests) unrestricted grazing of local and migratory cattle from Rajasthan are under stated and monitoring mechanism inadequate.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Since 1997 process of shifting villages has begun and till today twenty four villages have been resettled. There is a comprehensive and co-ordinated relocation activity, thanks to excellent work by PA management/ Govt. Machinery.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference.	Very good		

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Site i.e. sanctuary has been a well recognized conservation area and no commercial exploitation for long and now there is extensive buffer around it. Very comprehensive zonation is a high point of policy decision.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		There is draft Management plan by Chaudhari for period ending '05. Area around present sanctuary need be brought under the plan, may be as multiple use area. Prior to sanctuary status, working plan by Maharshi was in place.
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor	✓	Adequate provisions exist for revision.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		All values not documented e.g. otters, caracal, desert cat etc. This is Tiger habitat but there shift in emphasis to Lion. "Soft release" of lion is a major goal and will be a great achievement when accomplished.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Eco development committees exist in all the villages. There is high power committee to over see rehabilitation, how ever compliance to section 33B wildlife (Prot.) Act, yet be made PA manager opines that issue of person chairing committee need to be reconsidered and are resolved first at the policy level. There would be more stake holders beyond PAPS.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Shifting of villages has contributed to eco restoration in a big way and habitat recovery is being monitored by competent researchers under guidance of Wildlife Institute of India, Dehradun
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Very comprehensive plan is being persistently perused and arrangement in place to monitor the same. Rigid grazing control along sanctuary boundaries will be a crucial management tool.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Park management has strategy to combat threats, rehabilitation plan is in place, wire mesh fencing is in progress for soft release which also protects meadows that are developing for safe guarding lions and minimization of man/ animal conflicts where ecological boundaries are not secure fencing is imperative.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Damage to human life within PA is not entitled for compensation domestic and or feral cattle control is a key issue. Process of shifting villages which has begun need be settled early
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Geographical situation being peculiar, net working within the state has limited scope of Chambal sanctuary link with Rajasthan (Sawai Madhavpur) under consideration.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		For total area of 1268 km ² there is a senior level official at the helm conservation of forests assisted by one Dy. C.F, Asst C.F., R.F.O (9), Foresters (35) and Fgs/ daily wagers (150). In near future staff for Education/ interpretation, research/monitoring will have to be planned.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives .	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Compensation on account of land loss, is inadequate and may become sensitive issue other than this activity resources adequate and organized.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Research and monitoring need higher priority, scope for improvement in release of funds.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	Poor
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Sufficient for few tasks.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Few trained officers and field staff and hence need impart trainings on priority.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Not institutionalize but there are adequate checks and balances.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		There are number of committees for eco-development collector over see's people related issue. However no statutory compliance under section 33 B, Wildlife (Prot.) Act
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		No specific complaint redressed system, however super vision of elected representatives, access to press, institution of Lokayukta, Right to Information Act are adequate tools.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Having status of sanctuary from where people have moved out options are limited but till habitations are resettled and cushion provided around PA problems will persist. Forage and fodder supply is a key issue, resulting in semi feral/ feral cattle.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Management/ Policy decisions without public debate, information not available in public domain. Brochures, hand outs given in routine way.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	Presently there are no visitor services.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Population estimation exercise for major carnivores/ herbivores under taken at regular intervals by independent agency as well.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Inventory adhoc, paucity of funds jeopardize maintenance schedules.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Park management is planning reintroduction of Lions. In the absence of critical ecological status of wide range of species comments on all important species can not be generalized.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		There is good conservation history and thus good forest cover and presence of mature tree crop shifting of villages will result in meadows and young crop.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Some threats are abated.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	Visitor flow has not started as yet.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Scope for improvement
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Structures like 'Garhi' within the core zone have excellent potentials and will have be handled with sensitivity.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

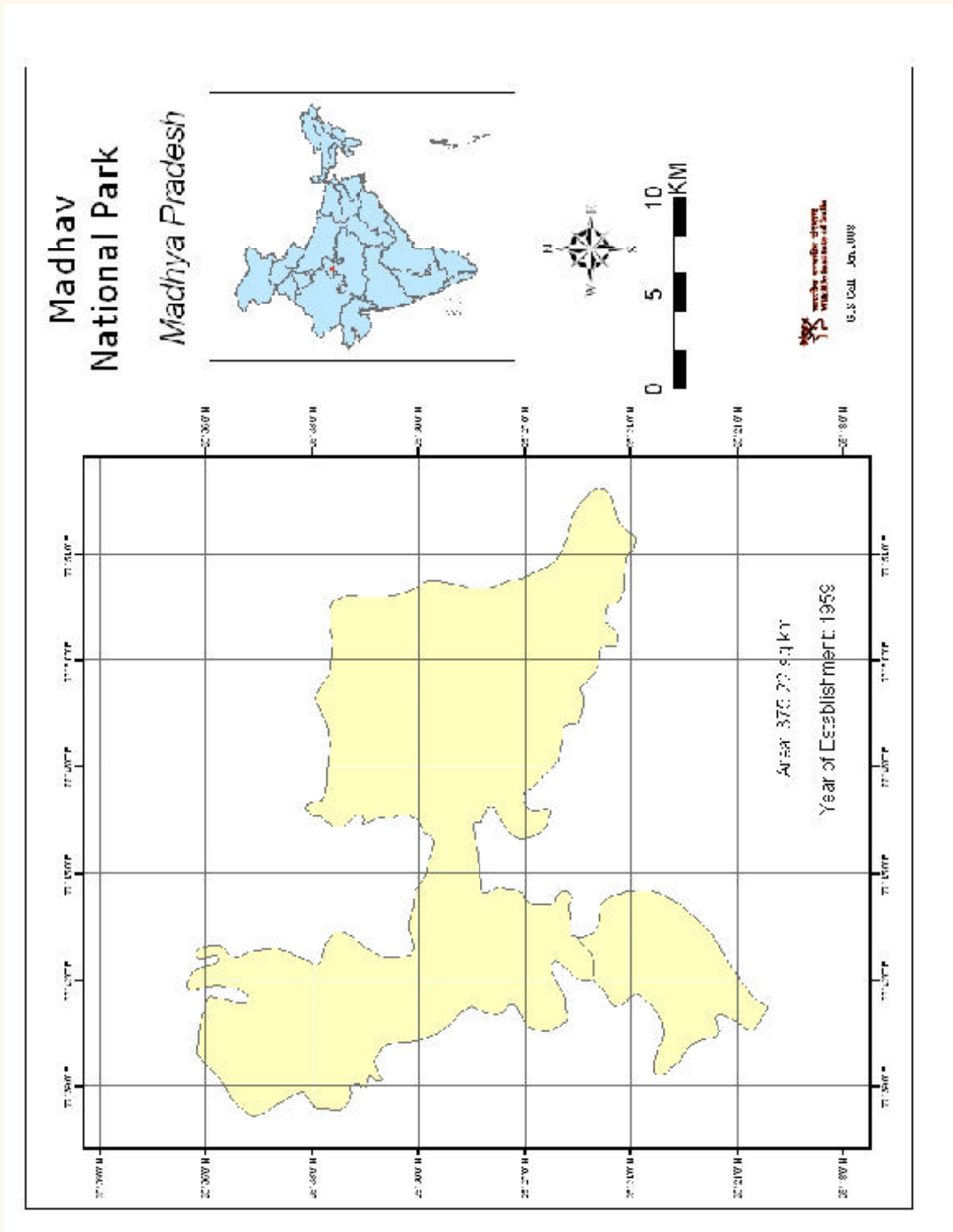
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	21	60%
2.	Planning	9	10	100	62	
3.	Inputs	05	10	50	29	
4.	Process	05	10	50	28	
5.	Outputs	04	10	40	21	
6.	Outcomes	06	10	60	37	
Total		32		330	198	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Kuno-Palpur Wildlife Sanctuary (MP)

13. Madhav National Park (MP)



Madhav National Park (MP)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The Park has a written management plan that spells out values of the area. However, the fact that, central theme of the Park, is ancient water reservoirs that supply water to the Shivpuri city and there by the Park is life support system, has not been highlighted adequately. Scope to re-introduce Tiger, the mega predator, also need be stressed.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Original area i.e. position till 1983, had lesser threats, however, addition of area as also development / up gradation of roads [NH 3, NH 27], Manikheda irrigation project, legal / illegal settlements adjacent to Township and area east central to original NP have lead to increase in threats. (page 32, para 6.2) Unrestricted grazing of local and migratory cattle from Rajasthan, are understated and monitoring mechanism inadequate. Ingress of untreated town sewerage may pose danger.
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Closeness to Shivpuri town as also two National high ways have made Park vulnerable. Extenuation to four compts 129 to 132, have enhanced threats. Following recent amendment to the Wild life (Protection) Act, all the restrictive measures are applicable to these areas and alternative arrangements to meet requirements is mandatory.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Site has been a well recognized conservation area since pre independence era as a "shikar block ." Its proper place in biogeographic zonation is recognized.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Management plan by Subharanjan Sen is in place ;plan for period ending '05 has been extended by competent authority .Prior to this, there were plans by Dutta (1977 - 82) and Sharma S.K. (1989 -94)
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Adequate provisions exist for revision.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		All values not documented, e. g. Crocodiles ,otters. This is potential Tiger habitat; in recent past tiger had walked in accidentally and this had lead to creation of safari which was not in consonance with provisions under the statutory provisions. "Soft release" of tiger in sufficient numbers and rigorous monitoring their of may be tried.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Eco development committees exist in 29 villages. There is scope for involvement of Town council, M.P.Tourism Corporations etc.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		It has been noticed that there is infestation of weeds like Lantana and need for augment water resources. There is need to keep in place , permanent vegetation monitoring plot mechanism by involving State Forest Research Institute/ local academic institutions . Area close to town in particular, needs restoration in a big way. There are signs of over grazing even within core zone and thus, closure plots are expected to be a tool for restoration in this area.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Accidental straying of Tiger into the Park had culminated into an 'Animal Safari' which was contrary to legal provisions and now been almost closed down.. A soft release of adequate number of tigers, and close monitoring, as a new concept, need be pursued. Re - introduction of floral components that may be missing ,need also be tried.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Park management has strategy to combat threats, rehabilitation plan is in place, wire mesh fencing is in progress ; how ever, PA manager is advised to see Hon. Mumbai High Court order, in context of Sanjay Gandhi National Park, Borivali as also learn more about this park as a case study.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		National Park lacks effective buffer, any damage to human life within park is not entitled for compensation. Domestic and for feral cattle control is a key issue. Process of shifting villages which has begun need be settled early.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor	✓	Geographical situation being peculiar net working within the state has limitations.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Park with area of 375.23 km ² is headed by a senior level official, Conservator of forest, who is assisted by Dy.CF. Field staff includes sanctioned strength of 9 RFOs supported by Foresters [12], Forest guards and permanent muzdoors [48 +>100] and thus sanctioned strength isadequate but more vacancies at cutting edge. Need for focus on conservation education. Considering vulnerability , better deployment required.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Resources adequate and organized.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Research and monitoring need higher priority , scope for improvement in release of funds.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Madhav National Park (MP)

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	Poor..
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	Sufficient for few tasks.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Few trained officers and field staff
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Not institutionalize but there are adequate checks and balances.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		There are no. of committees for eco - development; Collector over see's people related issues. How ever, no statutory compliance under section 33 B, Wild life (prot.) Act.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		No specific complaint redressal system, how ever, super vision of elected representatives, access to press, institution of Lokayukta, Right to information Act are adequate tools.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	Having status of National Park ,options are limited but till habitations are resettled and cushion provided around PA, problems will persist. Forage and fodder supply is a key issue, resulting in Semi feral \ feral cattle. Urban poor is going to be a serious matter.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Management /Policy decisions without public debate information not available in public domain .Brochures, hand outs given in routine way.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Visitor services located out side PA. MP tourism Dept runs camping facilities , there is tastefully developed interpretation centre but still leaves scope for improvement; more signage, way side exhibits required. Park's contribution in sustained water supply to town, needs more emphasis. There is decline in visitors due to closure of safari.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Population estimation exercise for major carnivores/ herbivores under taken at regular intervals but in a routine way. Increase in crocodiles should be a matter of concern as it would be more predators with already depleted wild herbivore.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Inventory ad hoc, paucity of funds jeopardize maintenance schedules
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor	✓	Park management, it is learnt, is planning reintroduction of Tigers. In the absence of critical ecological status of wide range of species, comments on all important species can not be generalised. Park is beset with problems.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Madhav National Park (MP)

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		There is long conservation history and thus good forest cover and presence of mature tree crop. Shifting of villages will result in meadows and young crop.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Some threats are abated. Recommend study of SGNP, Mumbai as case study on abatement of threats due to urbanization.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		As pointed out in paraSol above visitors partly satisfied, there is need to sensitize and educate tourists through concerted efforts
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Scope for improvement.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Structures like old Baradari, Georges castle, watch towers have good potentials.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

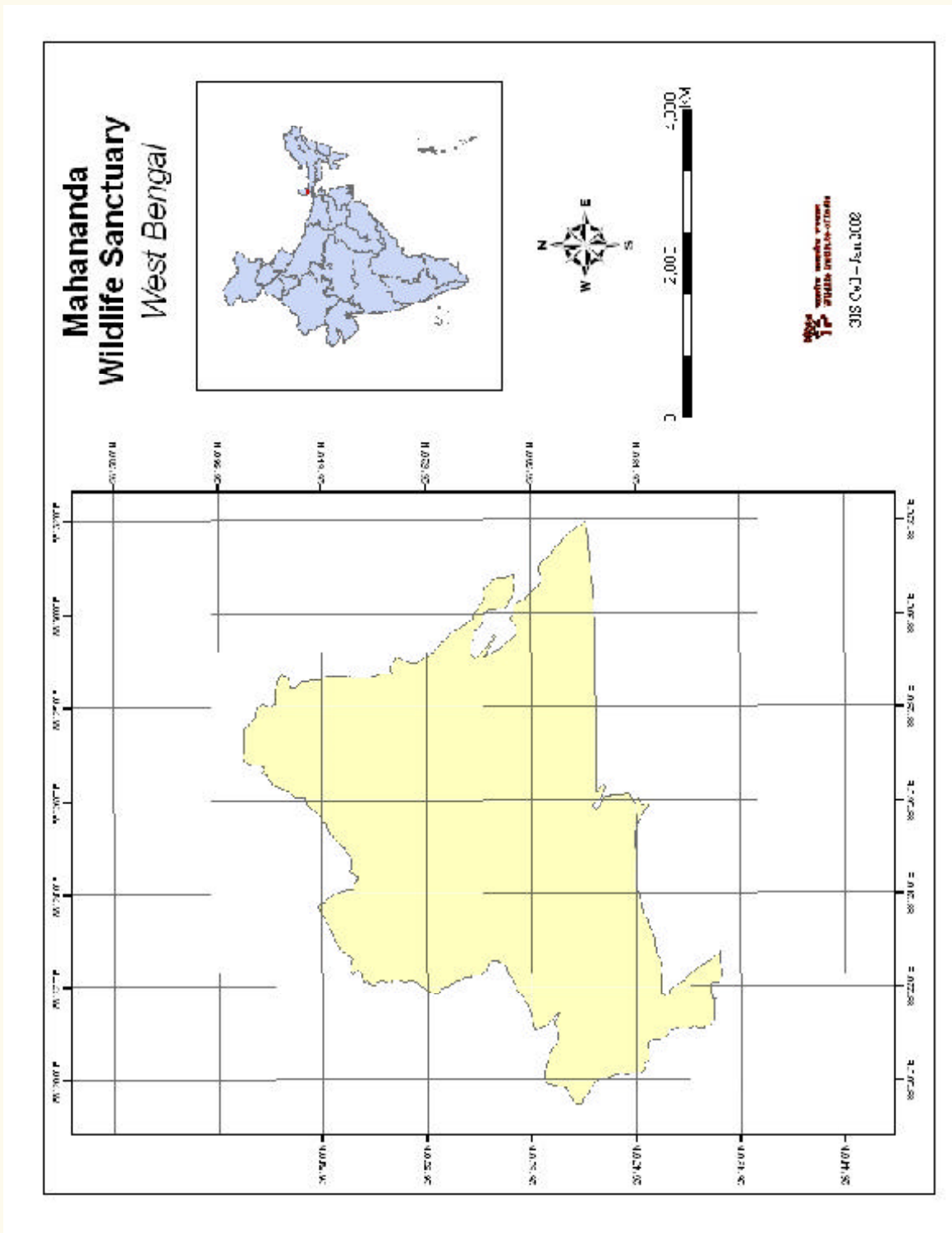
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	16	56%
2.	Planning	9	10	100	62	
3.	Inputs	05	10	50	26	
4.	Process	05	10	50	26	
5.	Outputs	04	10	40	22	
6.	Outcomes	06	10	60	33	
Total		32		330	185	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Madhav National Park (MP)

14. Mahananda Wildlife Sanctuary (West Bengal)



Mahananda Wildlife Sanctuary (West Bengal)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Plant and faunal resources of Mahananda WLS is well documented in joint publication of department and a NGO (NEWS)
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats are known and but not systematically documented nor regularly monitored
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Grazing by domestic cattle and head load collection for N.T.F.P is there in southern fringe.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The site is well demarcated but zonation for various activities not properly documented.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Management plan is there and valid, but not prepared through participating process.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Yes, current management plan is valid and would be revised on expiry. It requires some upgrading also.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Floral resources of the sanctuary have improved a lot along with some keystone animal spp.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Most of the participation of the stakeholders are restricted to E.D.C works and some support to protection duties.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Habitat restoration works are being carried out on short term basis, monitoring works are also limited in time frame.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Some introduction of Hollock gibbon was done in past and bear also released but planning and monitoring is sketchy
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Regular patrolling is done by staff by vehicle and on foot covering both day and night
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		By erecting electric fencing and maintenances of mobile squad, the human-wildlife conflict has been contained significantly.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The extension of the sanctuary has been done to cover corridor of wild elephant and making comprehensive ecosystem unit.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		The staff engaged mainly to words specific management objectives.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Whatever resources are available are managed properly but require considerable augmentation.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Some funds are released in time but there are many instances of delayed release of fund while N.P.S.S. funds are regularly received other funds are adhoc allotments.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		NGO's contribution is limited to census and education and awareness mainly.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Major part of E.D.C. works are funded from F.D.A its continuation is not guaranteed.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Only a few field staff are specially trained in wildlife management. More training is required.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Most of the staff work towards specific management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Public participation is limited to E.D.C works and some support for protection duties.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Public complaints are heard and dealt with to the extent possible however, all complaints are not entered in the registers and monitored systematically for follow up.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Livelihood issues are addressed mainly through E.D.C's for which considerable fund come from F.D.A, but this is on adhoc basis.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		The literatures are either scientific or general in nature and is not linked with management accountability.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Visitor services are provided at two places mainly, while in Sukna it is adequate, in 7 th mile it is limited.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		These are evaluated through regular inspection of senior officers and routinely reported.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Regular inventory provides basis of action but funds are inadequate to deal with them appropriately
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Elephant population is on increase. The tiger population is stable, but deer population is on decline.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		The sanctuary has got a lot of pristine area, which support a good amount of native biodiversity.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Except grazing and erosion by river other threats have been contained.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Area offers a view of pristine pressured vegetation in valleys to most of the urban visitors and is a good recreational spot and adventure tourism wildlife sighting is however limited.
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Panchayat and E.D.C members co-operate with the staff of the sanctuary.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Cultural heritages are attempted to be preserved through community centers created under eco-development and F.D.A schemes.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

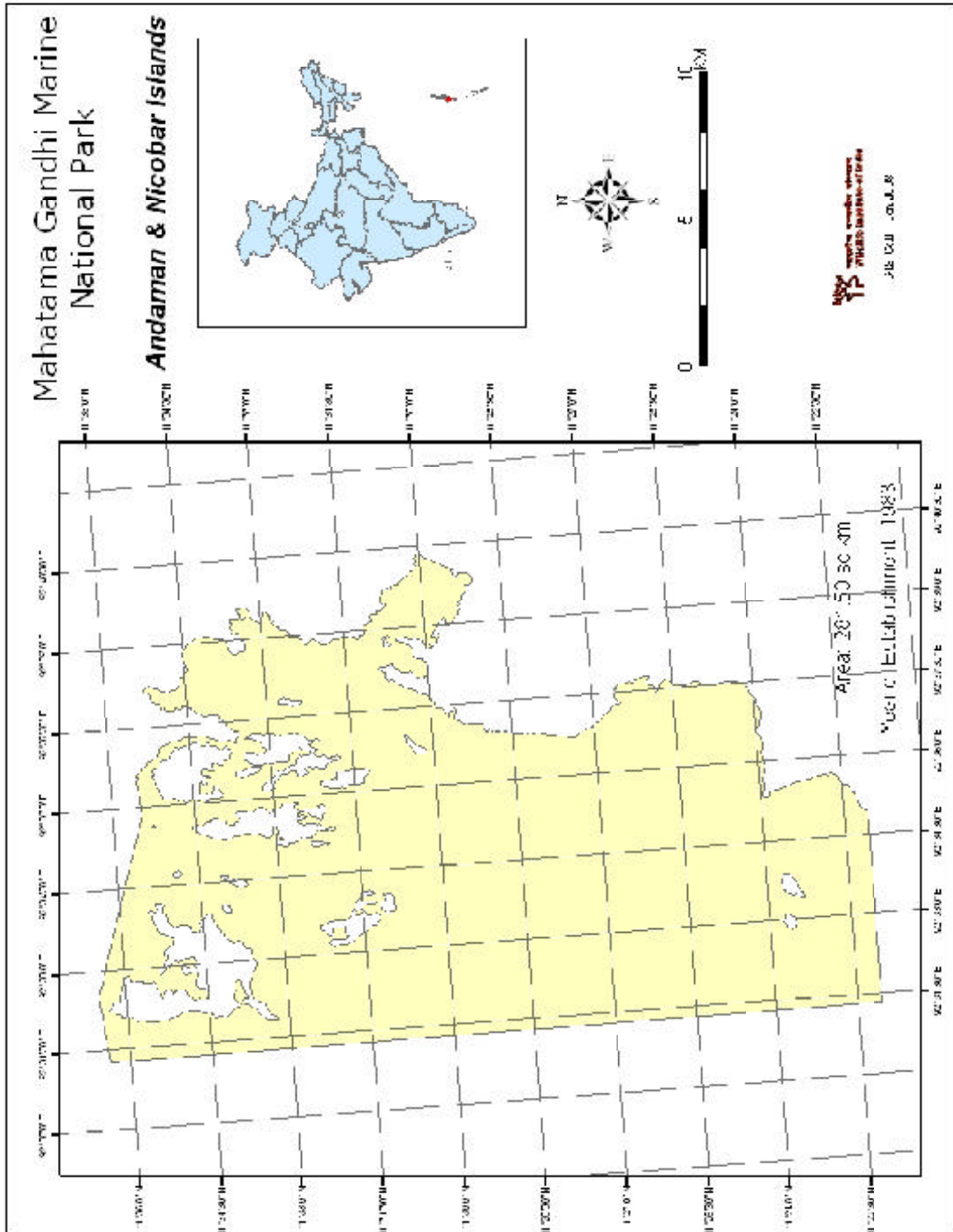
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	17.5	64%
2.	Planning	9	10	100	67.5	
3.	Inputs	05	10	50	30	
4.	Process	05	10	50	32.5	
5.	Outputs	04	10	40	25	
6.	Outcomes	06	10	60	37.5	
Total		32		330	210	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahananda Wildlife Sanctuary (West Bengal)

15. Mahatma Gandhi National Park (A& N)



Mahatma Gandhi National Park (A& N)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Assessment and monitoring are to be done regularly.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Ecotourism and safe passage to local fisherman are allowed.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Periodicity of revision is proposed to be introduced.
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 *Does the site safeguards the threatened biodiversity values?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahatma Gandhi National Park (A& N)

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Fishing route and berthing place of boats is done in consultation with the fishermen.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		N.A
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		N.A.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahatma Gandhi National Park (A& N)

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		N.A.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Nearby there is Crocodile Sanctuary and Cinque (Five) Island Sanctuary.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahatma Gandhi National Park (A& N)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Insufficient human resources.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Need for training/capacity building for Marine biology/Marine biodiversity/Coastal Zone Management.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA manage-

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good	✓	

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	22.5	69%
2.	Planning	7	10	70	52.5	
3.	Inputs	05	10	50	27.5	
4.	Process	05	10	50	30	
5.	Outputs	04	10	40	27.5	
6.	Outcomes	06	10	60	47.5	
Total		30		300	207.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahatma Gandhi National Park (A& N)

16. Mahauadar Wildlife Sanctuary (Jharkhand)

Mahauadar Wildlife Sanctuary (Jharkhand)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most Values systematically identified and assessed and monitored.	Good		
All Values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats of the site well documented, assessed and assessed?

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Threats not systematically documented, assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human an biotic interference?

Assessment criteria			
Condition	*Category	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahauadar Wildlife Sanctuary (Jharkhand)

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No process in place ofr systematic review and update of Management Plan.	Poor		
Management Plan sometimes update in adhoc manner.	Fair	✓	
Management plan routinely and systematically updated.	Good		
Management plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahauadar Wildlife Sanctuary (Jharkhand)

2.4 *Does the site safeguards the threatened biodiversity values?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 *Are stakeholders given an opportunity to participate in planning?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholder participation in some planning.	Fair	✓	
Stakeholder participation in most planning processes.	Good		
Stakeholder routinely and systematically participation in all planning processes.	Very good		

2.6 *Are habitual restoration programmers systematically planned and monitored?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Habitat restoration programmers are entirely adhoc.	Poor		
Limited planning and monitoring programmers are in place for habitual restoration.	Fair	✓	
Habitat restoration programmers are generally well planned and monitored.	Good		
Habitat restoration programmers are thoroughly planned and monitored.	Very good		

*score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 *Are reintroduction programmers systematically planned and monitored?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Reintroduction programmers are entirely adhoc.	Poor	✓	
Limited planning and monitoring programmers are in place for reintroduction programmers.	Fair		
Reintroduction programmers are generally well planned and monitored.	Good		
Reintroduction programmers are thoroughly planned and monitored.	Very good		

2.8 *Does the site has an effective protection strategy?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has no adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 *Has the site been effective in the mitigation of human-wildlife conflicts?*

Assessment criteria			
Condition	* Category	(Tick✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able in mitigate all human-wildlife conflicts.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahauadar Wildlife Sanctuary (Jharkhand)

2.10 *Is the site integrated into a wider ecological network following the principles of the ecosystem approach?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Site limited attempts to integrated the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 *Are personnel well organized and managed with access to a adequate resoureces?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor	✓	
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 *Are resources (Vehicle, equipment, building etc.) well organised and managed with access to adequate resources?*

Assessment criteria			
Condition	* Category	(Tick✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 *Are resources (human and financial) linked to priority actions and are funds released timely?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.4 *What level of resources is provided by NGOs?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs contribute nothing for the management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 *Does PA manager considers resources (human and financial) to be sufficient?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	
Resources insufficient for some tasks.	Fair		
Resources insufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff, who are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management all staff is directly linked to achievement of relevant management objectives.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.3 *Is there effective public participation in PA management?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor	✓	
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 *Is there a responsive system for handling complaints and comments about PA management?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor	✓	
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system an timely response provided with minimal repeat complaints.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 *Does PA management addresses the livelihood issues of resource dependent communities especially women?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Outputs

5.1 *Is adequate information on PA management publicly available?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor	✓	
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 *Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All Visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All Visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 *Are management related trends systematically evaluated and routinely reported?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor	✓	
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 *Is there a systematic maintenance schedule and funds in place for management of infrastructure / assets?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 *Are threatened/ endangered species populations stable or increasing?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.2 *Are biological communities at a mix of ages and spacing that will support native biodiversity?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 *Have the threats to the site being abated / minimized?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 *Are the expectations of visitors generally met or exceeded?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of many visitors are met.	Very good		

*score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 *Are neighbours and adjacent communities supportive of PA management?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Neighbours/ adjacent communities are hostile.	Poor		
Key neighbours/ communities are supportive.	Fair		
Most neighbours/ communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 *Are cultural heritage assets protected?*

Assessment criteria			
Condition	* Category	(Tick ✓)	Remarks
Little or no management undertaken, of despite management efforts, deteriorating of cultural heritage assets continues, or values are unknown.	Poor	✓	
Some management activity, but deteriorating continues.	Fair		
Planned approach to management underway and deteriorating of assets is being redressed.	Good		
Planned approach to management underway and deteriorating of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	12.5	43%
2.	Planning	10	10	100	52.5	
3.	Inputs	05	10	50	17.5	
4.	Process	05	10	50	15.0	
5.	Outputs	04	10	40	12.5	
6.	Outcomes	06	10	60	32.5	
Total		33		330	142.5	

*score: Poor 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mahauadar Wildlife Sanctuary (Jharkhand)

17. Mudumalai National Park (Tamil Nadu)

Mudumalai National Park (Tamil Nadu)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 Does the site have a comprehensive Management Plan?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good	✓	

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

2.8 Does the site has an effective protection strategy?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good	✓	

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good	✓	

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Mudumalai National Park (Tamil Nadu)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

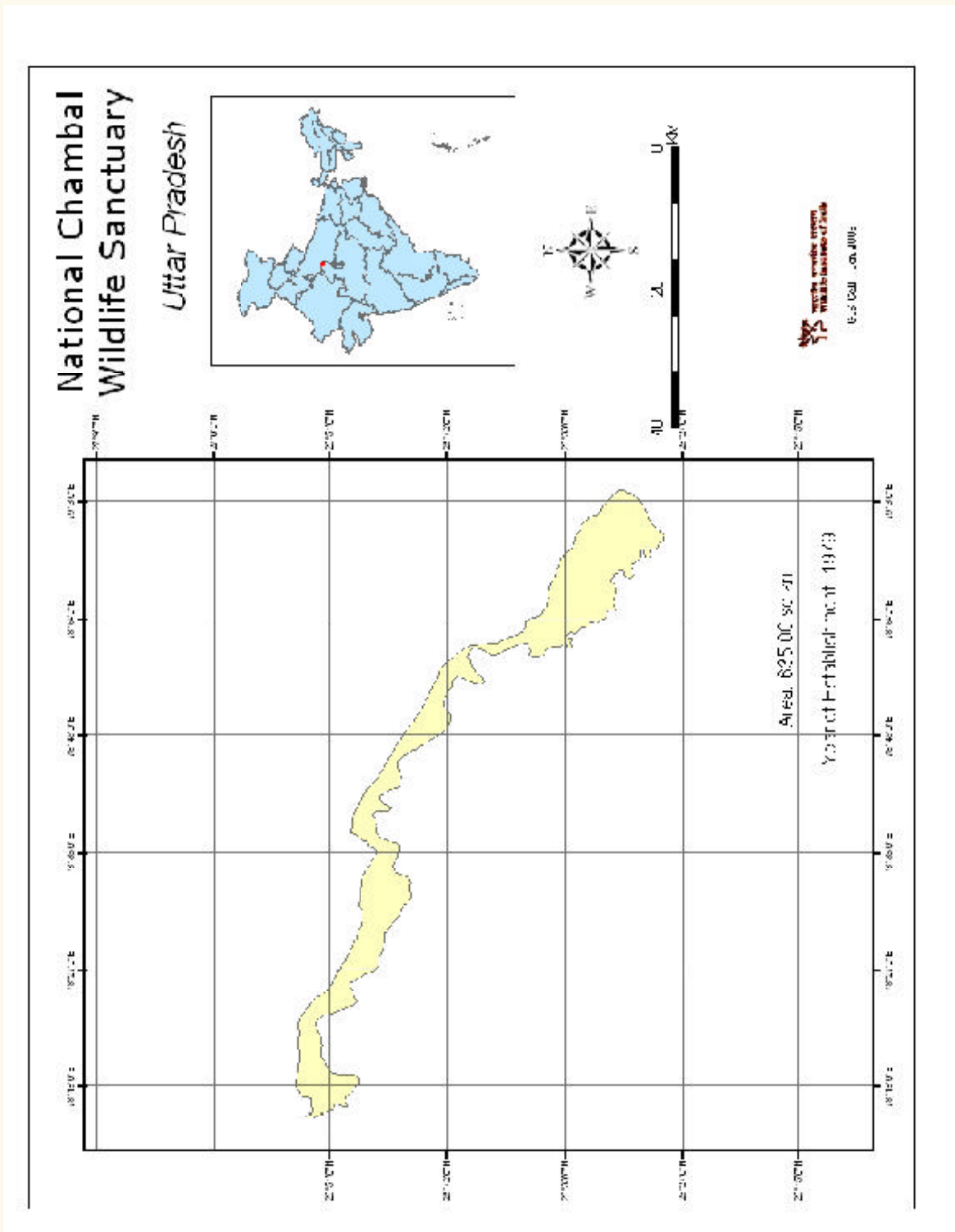
Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	25.0	71%
2.	Planning	10	10	100	80.0	
3.	Inputs	05	10	50	35.0	
4.	Process	05	10	50	35.0	
5.	Outputs	04	10	40	25.0	
6.	Outcomes	06	10	60	25.0	
Total		33		330	235	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

18. National Chambal Wildlife Sanctuary (UP)



National Chambal Wildlife Sanctuary (UP)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The values of the site are well documented in the management plan (2000-01-2009-10) but with knowledge having been acquired and more field experience gained it needs immediate updating. The values are being monitored by conducting estimation exercises of endangered and threatened species particularly Gangetic dolphin, Mughar, Ghariyal and different species of turtles.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats to site are well documented in the management plan but with passage of time each threat now needs to be assessed to direct management efforts to minimize it.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	National Chambal WLS falls in three States of U.P., M.P. and Rajasthan and in linear in shape situated on a narrow strip all along Chambal river. Out of total length of 600 km before it merges with Yamuna at Bhareh, 180 km. stretch falls in U.P. on one side. Together with the ravines the total area of the Sanctuary is 635 km ² . There are 102 villages in UP alone with human population of over 55000 and cattle population of over 38000 in two districts of Agra and Etawa and at places agricultural land reaches right up to the river bank. The biotic interference is by way of grazing, fuel wood collection, collection of sand for bonafide use and at times for commercial purposes, fishing and use of river water for all purposes. There are similar pressures on the other side of river in MP and Rajasthan. Sand mining by contractors is a major problem in M.P. Since private holdings have also been included inside PA boundary hence the encroachment can also not be ruled out. In spite of all these pressures there is good presence of rare/threatened species except in some parts of Etawa district
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Due to inclusion of private lands inside the sanctuary boundary there is great difficulty in categorization in terms of zones but still core, buffer, tourism, ecorestoration and ecodevelopment zones have been categorized in the management plan which are difficult to implement.
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		The PA has a comprehensive management plan for the period 2000-01 to 2009-10. This is the first management plan prepared for the P.A.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		This is the first management plan of the PA which needs up dating and systematization based on recent surveys, studies and experiences gained.
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 *Does the site safeguards the threatened biodiversity values?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Because of the remoteness of the site, fear of outlaws living perpetually in the ravines & low consumption level of local people and compatible way of life, the biodiversity values of the site are still safeguarded in spite of heavy biotic pressure.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

2.5 Are stakeholders given an opportunity to participate in planning?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		There is little participation of Stakeholders other than the only NGO 'Chambal Conservation Foundation' and the only tourist resort at Bah is the Chambal Safari lodge run by a very committed husband-wife team of nature lovers. There is constant interaction with this NGO/lodge on most of the planning activities.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		There is little scope for habitat restoration programmes except some soil and moisture conservation works and plantations of grasses and fodder species in the ravines.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		The only reintroduction programmes being undertaken is rearing of Ghariyal hatchlings at Kukrail (Lucknow) from eggs taken from Chambal river and reintroducing them back into the river after their size is considered safe from predators. This is being done for a long time now and has been very successful. The breeding success of this species was less than 1% in nature which has gone up to 80%. The population of Ghariyal in Chambal now needs to be closely monitored specially for male female ration of reintroduced animals which is said to be very disturbing in term of low breeding male populations.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good	✓	
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The site can be protected by constant boat patrolling and patrolling by beat guards in their beats on foot. There are two motor boats available but at least two more are required. Intelligence collection is another activity that can work here which is being done to some extent. Vigilance from watch towers is also kept.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

2.9 *Has the site been effective in the mitigation of human-wildlife conflicts?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		In some areas it has been possible due to constant vigil by Range staff but in some other areas (Etawa) this has not been possible. Beyond Panchnada (7 km. down stream of confluence with Yamuna), where the boundary of WLS terminates, Yamuna river is leased out for fishing which creates many problems for the management and there has been a considerable decline in Mughar and Ghariyal population beyond Bareh and Gangetic dolphine have almost vanished from this 7 km. stretch. Some 5 km. stretch of river beyond boundary of WLS needs to be secured as buffer by declaring it an eco sensitive zone under EPA.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 *Is the site integrated into a wider ecological network following the principles of the ecosystem approach?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The site is integrated into a large ecological network by creating Sanctuaries along Chambal river in all the three states of U.P., M.P. and Rajasthan that is how these Sanctuaries have been named as National Chambal Sanctuaries of each State. Unfortunately there is no effective coordination among them. A Conservation Authority for all of them is urgently needed with representation for Govt. of India, WII and BNHS and others apart from the CWLW and PA managers of all the 3 States as also the enthusiastic local NGO (Chambal Conservation Foundation).
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		In spite of 40% vacancies in the field staff the available personnel are well organized and managed. They have good number of arms but due to presence of dacoits in ravines, there is danger of the weapons being snatched by them. Wireless sets are not in working order. The most effective staff for patrolling are the boat men who know every nook and corner of the sanctuary but maximum vacancies are among them only. They need more motor boats for effective control. Other resources like search lights, binoculars, GPS etc. are available. The closer supervision by top management of the sanctuary is greatly lacking. Etawa Range needs more man power and efforts.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		There are 2 Gypsy, one Bolero and 2 motor cycles, 66 fire arms, 2 GPS, one camera, 4 motor boats (3 engines), 7 fiber boats, one monoscope, one binocular, one search light and 14 wireless sets but out of them wireless sets are out of order, few boats are old and need replacement, more motor boats and motor cycles are needed and fire arms can't be used due to law and order problem. Buildings are old and need repairs. Four wheelers need more frequent field deployment.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria																																				
Condition	Category*	(Tick ✓)	Remarks																																	
Resource allocation is adhoc and funds are never released in time.	Poor		Financial allocations for last 5 years under State budget and CSS (Development of NP & WLS) has been as under : <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">State budget</th> <th rowspan="2">W.B. Forestry Project</th> <th colspan="2">CSS (GOI)</th> </tr> <tr> <th>Sd.</th> <th>Utilize</th> </tr> </thead> <tbody> <tr> <td>2001-02</td> <td>81.99</td> <td>36.86</td> <td>13.55</td> <td>8.90</td> </tr> <tr> <td>2002-03</td> <td>80.40</td> <td>48.85</td> <td>9.00</td> <td>9.00</td> </tr> <tr> <td>2003-04</td> <td>95.17</td> <td>0.10</td> <td>18.05</td> <td>14.05</td> </tr> <tr> <td>2004-05</td> <td>94.91</td> <td>-</td> <td>25.90</td> <td>20.66</td> </tr> <tr> <td>2005-06</td> <td>98.13</td> <td>-</td> <td>26.20</td> <td>26.20</td> </tr> </tbody> </table>		Year	State budget	W.B. Forestry Project	CSS (GOI)		Sd.	Utilize	2001-02	81.99	36.86	13.55	8.90	2002-03	80.40	48.85	9.00	9.00	2003-04	95.17	0.10	18.05	14.05	2004-05	94.91	-	25.90	20.66	2005-06	98.13	-	26.20	26.20
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			Bulk of State budget is for salaries and allowances. The share of centrally sponsored scheme though small is important for habitat improvement and protection but the scale is too small. Less expenditure in most years is due to late release by State Govt. Human resource is 40% deficient as per sanctioned strength. The deficiency is mostly in vital frontline staff. For 2006-07, 41 lakh has been sanctioned under CSS and 29 lakh has so far been released.																																	

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Chambal Conservation Foundation a local NGO is the only one which supports the management by providing its boats, manpower etc. at time of urgency. They also provide intelligence in many cases. There is no other support from any other NGO.
NGOs make some contribution to management of the site but opportunites for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	Neither the human nor the financial resource is sufficient looking at the level of problems and threats.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		The training in wildlife management is poor at all levels. Forest Guards have got their training in the traditional forestry subjects. WLW has experience of working in Corbett TR.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Most of staff performance management is directly linked to achievement of relevant manpower objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor	✓	There is hardly any public participation in PA management except sometimes giving intelligence and helping staff in emergencies. Involvement of local NGO (CCF) in management is positive and satisfactory.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Complaints are routinely handled and there is neither follow-up nor responsiveness.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Except that the existing rights mentioned in the Management Plan are allowed with restrictions and local people are engaged as labourers in the departmental works no other livelihood issues are addressed.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Other than the information given in the management plan, the information made available to people is though the well prepared brochure. The only local NGO (CCF) is also helping in dissemination of information.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		There are few visitors due to law and order problem. The only resort Chambal Safari Lodge at Bah gets some quality foreign visitors specially bird watchers who has good guides and provides quality visitor services to the tourists.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Except the routine monthly progress reports and occasional census trends no other management related trends are evaluated. The present evaluation of Management Effectiveness will be first of its kind to be done by Govt. of India on IUCN guidelines.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Very little funds are available for maintenance of infrastructure/assets. The maintenance schedule is prescribed in account rules of the State. It is only out of assistance provided by Govt. of India that minimum possible maintenance is done.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		The population of Ghariyal, Mughar and Gangetic dolphin has substantially increased after creation of PA. In certain stretches after confluence of Chambal with Yamuna populations have gone down due to mining and fishing outside sanctuary. The population of 8 species of turtle, found here has also gone up. The number of migratory birds is also increasing season after season.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		The Sanctuary has been created for giving protection mainly to aquatic animals found in Chambal such as Ghariyal, Mughar, Gangetic Dolphin, different species of turtles and fishes, otters and avifauna. Though the mix of age classes is satisfactory but there is a field observation that in Ghariyals breeding male population is too low due to reintroduction of artificially bred hatchlings. This needs to be confirmed by a research project.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Threats have considerably been minimized but due to continuing threats from other bank of Chambal in M.P. the threat level remains high.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Few visitors go to this Sanctuary due to law and order problem but those who visit get full satisfaction.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		There is no antagonism as such and due to simple life style of villagers and their low consumption level the damage is minimum compared to the number of villages. This can at the best be termed as passive support but there is hardly any active support from neighbouring communities.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Chambal river, its clean water, the ravines and the age old villages and their down to earth tradition are the real heritage assets which will remain protected so long as the modern development concept is not thrust upon them.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

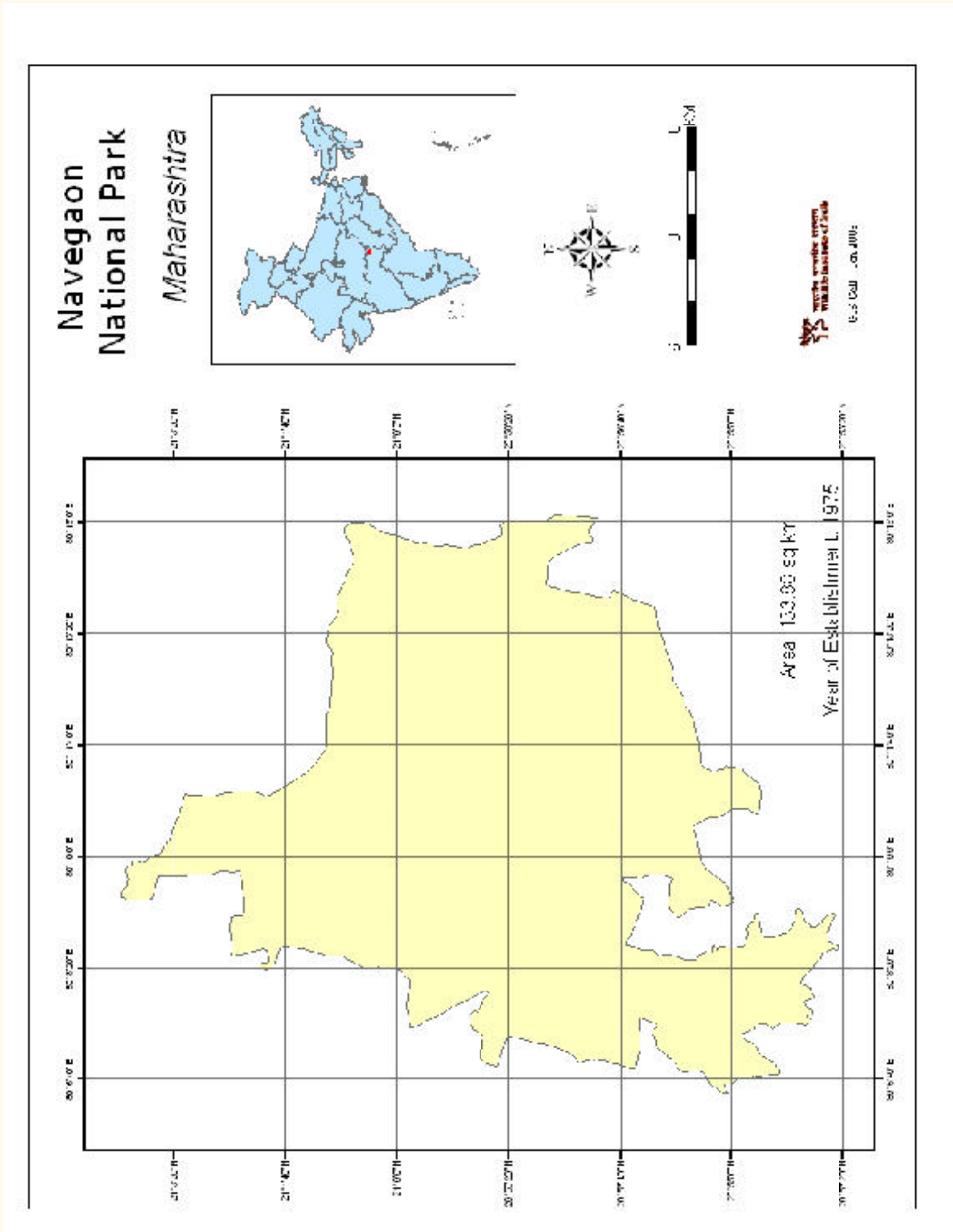
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	15.0	54%
2.	Planning	10	10	90	57.5	
3.	Inputs	05	10	50	25.0	
4.	Process	05	10	50	25.0	
5.	Outputs	04	10	40	20.0	
6.	Outcomes	06	10	60	30.0	
Total		33		320	172.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

National Chambal Wildlife Sanctuary (UP)

19. Navegaon National Park (Maharashtra)



Navegaon National Park (Maharashtra)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor	✓	Park encompasses semi moist deciduous forest and is representative of transient bio geographic zonation (Teak and Sal forests / Gray and Red Jungle fowl /Clawless otters) Important values of the area need be studied and documented. Close to park there is old water body which supports aquatic fauna is a major tourist attraction to an average person.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Park does not have buffer , includes one large and three small villages inside. Naxal activity present and hence law and order problem. Threats perceived and documented
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		As indicated above, fringe areas prone to pressures ; Core area is comparatively free. Conservation since 1975, has given good protection and section of locals have turned dedicated conservationist.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		A rethinking on Extent of Park and zonation is called for ; need to create buffer zone through conservation community reserves . Govt lands within Itia doh reservoir are located strategically, to serve as a corridor at the landscape level to provide link through Rajoli / Chich garh into Gadchiroli forests.
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Properly written and duly approved plan exists .
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Process of up gradation to commence without waiting for completion of present plan period ; there is provision for updating.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Potentially rich habitats of number of key elements are out side PA i.e. Sarus crane and otters , Vultures , heronries etc. Large number of floral / faunal elements of relevance are being protected but not documented. Partnership with Academic Institutions in vicinity recommended.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor	✓	Though there were no provisions earlier ,new amendments provide scope for consultations. CWLW to ensure better participation of local stake holders.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Water shortage considered as a limiting factor and suitable measures taken
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		There is no need for at this stage and hence not relevant.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Site has good strategy.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Site has few human wild life conflicts.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor	✓	Not integrated into wider net work ; urgent need for efforts in this direction.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Navegaon National Park (Maharashtra)

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Dy .Conservator, assisted by Asst . Conservator and field staff of thirty persons for 133 km2 is in conformity with staff norms but additional staff for monitoring , out reach , extension / education is recommended.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Resources are limited but are organized and are managed effectively. As against the expected funds under plan out lays , actual receipts to the tune of 30 to 50 % during last three financial years.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Release of Central assistance not in time for optimal utilization ; no provisions for essential items like vaccination ,crime detection training , secret fund ,boundary demarcation
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Navegaon National Park (Maharashtra)

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Local community helps in protection and take part in population estimation exercises.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	Inadequacy in the sphere of protection , research, monitoring , Education.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Non of the staff has under gone any regular wild life training.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Present system has no such arrangement but there are checks and balances.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Limited participation but lot of scope in the field of monitoring , research.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		System of Lokayukta ,access to press, close supervision by elected representatives and now right to information act are adequate for redressal of complaints.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	FDAs are in place in adjoining areas. There scope for greater Eco development activities.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor	✓	Important information like Management plan is not made available as a matter of routine, release of funds and its utilization is also not published. Broachers or posters or handouts given as apart of extension material normally dose not give management related information.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Visitor services like camp site, forest rest houses are located out side the National park, is a positive point. Provision of local guides has started recently and is a step in right direction. There is scope to promote eco tourism involving villagers on the Park fringe ,converting existing garden, into MPCA with involvement MPCA committee Nagzira , into " Ex situ Plant conservation centre ".
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Navegaon National Park (Maharashtra)

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Management trends like forest cover, population estimates of some key species etc. being reported but these are inadequate.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor	✓	Inventory maintenance is 'ad hoc'
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Only major faunal species are monitored ,no focus on plants ,lower vertebrates ; only fringe area under public gaze. There are interesting ,birds like Sarus crane , vultures and other aquatic birds ,animals like otters that need be seen regularly.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Navegaon National Park (Maharashtra)

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Most biological communities will be sustained.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		As seen from records threats still exist ;relocation processes have well begun and need be expedited. Actual relocation responsibility of relocation be vested in Revenue commissioner / Territorial Dy. Conservator.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		PA being a National Park, and there being no buffer zone ,there no scope for sharing resources. How ever , there many conservation oriented persons / N.G.O. s who are providing support; there is scope to institutionalize their good will.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		No reports of heritage sites within the PA.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	20	57%
2.	Planning	9	10	100	56	
3.	Inputs	05	10	50	28	
4.	Process	05	10	50	23	
5.	Outputs	04	10	40	20	
6.	Outcomes	06	10	60	36	
Total		32		320	183	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Navegaon National Park (Maharashtra)

20. Nongkhyllem National Park (Meghalaya)

Nongkhyllem National Park (Meghalaya)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		*The values of the site is documented
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats are being documented to a large extend
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		The site has got biotic interference, but has reduced
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good	✓	
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		1. The zonation has been done, in terms of Core Zone and buffer zone. 2. A map in this regard is available
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		1. Management Plan is available 2. The current Management plan 2006-07 to 2010-11. There is no indication that the MP has been passed by the Government
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The Mp is routinely and systematically updated.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		There are a large number of species which are threatened. All the species cannot be safe guarded. This approach has yet to come
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Process has been initiated to form JFMC and FDAs. Hence full official participation is yet to be started.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		This has been done very systematically and successfully. It is a continuous process
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 *Are reintroduction programmes systematically planned and monitored?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	✓	There is no plan for reintroduction programme yet.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 *Does the site has an effective protection strategy?*

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		They have a strategy, which has been working well, the establishment of the village protection squad.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

2.9 *Has the site been effective in the mitigation of human-wildlife conflicts?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		The measures are taken, but not in all cases.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		1. The sanctuary has been carved out of the existing reserve forest, hence the natural and geomorphologic setting are contiguous. 2. The sanctuary and the surrounding ecological set-up has been covered by declaring the whole area as project elephant site
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good	✓	

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Personnel are well organized
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		The infra-structural resources are well organized. Broadly they are being utilized for achieving specific Management objectives.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives .	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Nongkhylllem National Park (Meghalaya)

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Finances are linked with priority action.
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓	
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		There are few cases of good NGO support.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		There is a linkage, but not always this happens
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Full public participation is yet to be materialized.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		There is a mechanism of addressing public complain.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		A number of program is associated with the livelihood of he people.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		A web-site is being generated. There is no good mechanism of the dissipation of the PA information to the public.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Nongkhyllem National Park (Meghalaya)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Process of establishment of the facilities for tourism has been initiated now.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		The discussion on the Management related trends are done regularly.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Nongkhylllem National Park (Meghalaya)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		As per the record the elephant population has gone down from 429 in 2002 to 383 in 2005. There is no systematic records of other threatened species. A report (2002) of the Tiger population of Meghalaya is available.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		The records showed, the age structure of elephant, which seems will not jeopardize the native biodiversity.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Is being minimized to a great extent.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Initiative has now been taken
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Nongkhyllem National Park (Meghalaya)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		There is good support form the neighbour
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Though the cultural components are well identified and documented. But the cultural factors in the area are being well recognized and respected.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

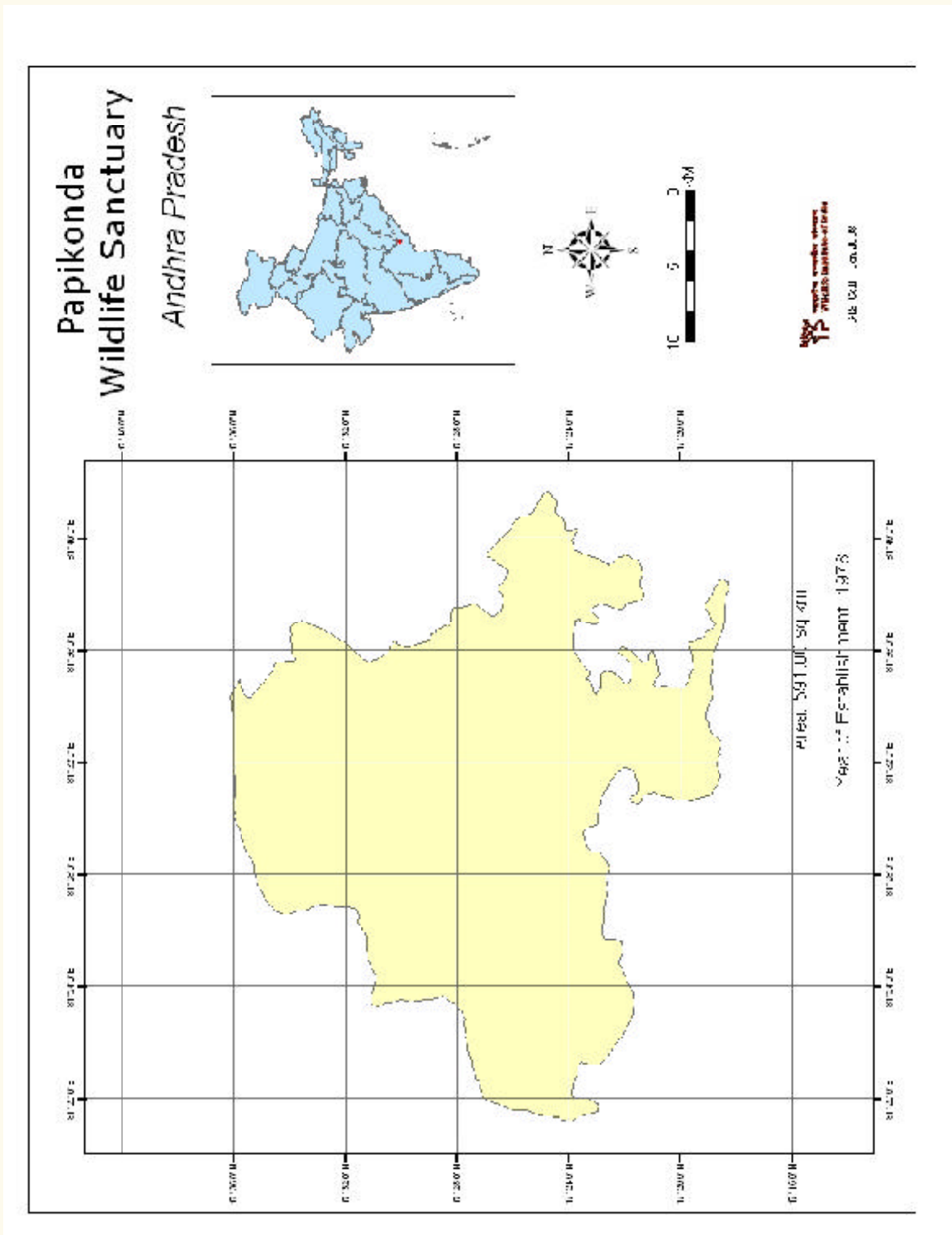
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	22.5	72%
2.	Planning	9	10	90	82.5	
3.	Inputs	05	10	50	35	
4.	Process	05	10	50	32.5	
5.	Outputs	04	10	40	27.5	
6.	Outcomes	06	10	60	37.5	
Total		32		320	237.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Nongkhylllem National Park (Meghalaya)

21. Papikonda Wildlife Sanctuary (Andhra Pradesh)



Papikonda Wildlife Sanctuary (Andhra Pradesh)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor	✓	The sanctuary has three different main accesses because of its location at the tri-junction of three districts. It is spread in four Forest Divisions. The area also has started getting the pressure of extremist movements.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat resbration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Not applicable.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

2.8 Does the site have an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organized and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor	✓	As against sanctioned strength of 24 staff (RFO and below) only six are in position for the PA area of 591 sq km. There is only one RFO for the entire area.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

3.2 Are resources (vehicle, equipment, building etc.) well organized and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor	✓	One old jeep and one or two old buildings specially allocated. The terrain is difficult. River is the main access. One will have to come from three different directions which may take 4-5 days to get a good feel of the sanctuary. Under such situations more resources are needed for effective protection
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	Very poor funding support and delays in release of funds. This has been discussed in the covering report.
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

3.5 Does PA manager consider resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Very few staff [6 in all] hardly any staff members live within the PA. Subsistence and livelihood removals specially of bamboo was noticed.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

4.4 Is there a responsive system for handling complaints and comments about PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	Hardly any visitor facility exists.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacing that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	There is neither sighting of animals nor appropriate facilities for land / river based nature tourism.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

6.5 Are neighbours and adjacent communities supportive of PA management?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	12.5	46%
2.	Planning	9	10	90	47.5	
3.	Inputs	05	10	50	17.5	
4.	Process	05	10	50	25	
5.	Outputs	04	10	40	17.5	
6.	Outcomes	06	10	60	27.5	
Total		32		320	147.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Papikonda Wildlife Sanctuary (Andhra Pradesh)

22. Pobitora Sanctuary (Assam)

Pobitora Sanctuary (Assam)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The value has been identified and recorded.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		All the threats are well documented and assessed.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	Biotic interference in the form of high cattle population is a serious issue. Human interference in the form of trespassing and fishing exists.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Site properly identified, but not properly Identified.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Comprehensive management plan exists
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good	✓	

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		It is done regularly.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		It does successfully safe guard the interest of threatened biodiversity.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good	✓	

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Stake holders take part in the planning process
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Habitat restoration programme is done, as and when required.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		Reintroduction of the rhino in Manas NP is in the process. The Rhino of Pobitora is suppose to be taken for the purpose
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good	✓	
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		It has a very good protection strategy. Rhino travel to outside the PA, hence protection has to be given around 200 sq km area, by the staff meant for 38 sq km.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Mitigation measure is by and large effective.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		All affords are being taken to integrated the relevant areas into an ecological continuity area
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		It is done in a very organized manner
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good	✓	

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		This has done systematically and well organized
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Resources are linked to priority action. There is a draw back in the timing in the release of fund
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓	
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		NGO supports substantially.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		The resource can be sufficient, as the expansion of the area if the site and increase of the population of the threatened species.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		Some trained man power is available.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good	✓	
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Yes, very successfully
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Some public participation in management is partially directly and more indirectly.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Yes, with partial arrangement
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		They partially addresses the livelihood issue of the fringe villagers.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5. Output

5.1 *Is adequate information on PA management publicly available?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good	✓	

5.2 *Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		All facilities are not available, requires much more, being close to capital city Guwahati.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 *Are management related trends systematically evaluated and routinely reported?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 *Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 *Are threatened/ endangered species populations stable or increasing?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good	✓	

6.2 *Are biological communities at a mix of ages and spacings that will support native biodiversity?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Good management in this respect. Native biodiversity is supported.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Cattle grazing is yet to be stopped.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		By and large expectation met
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Support is good
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		It is protected
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

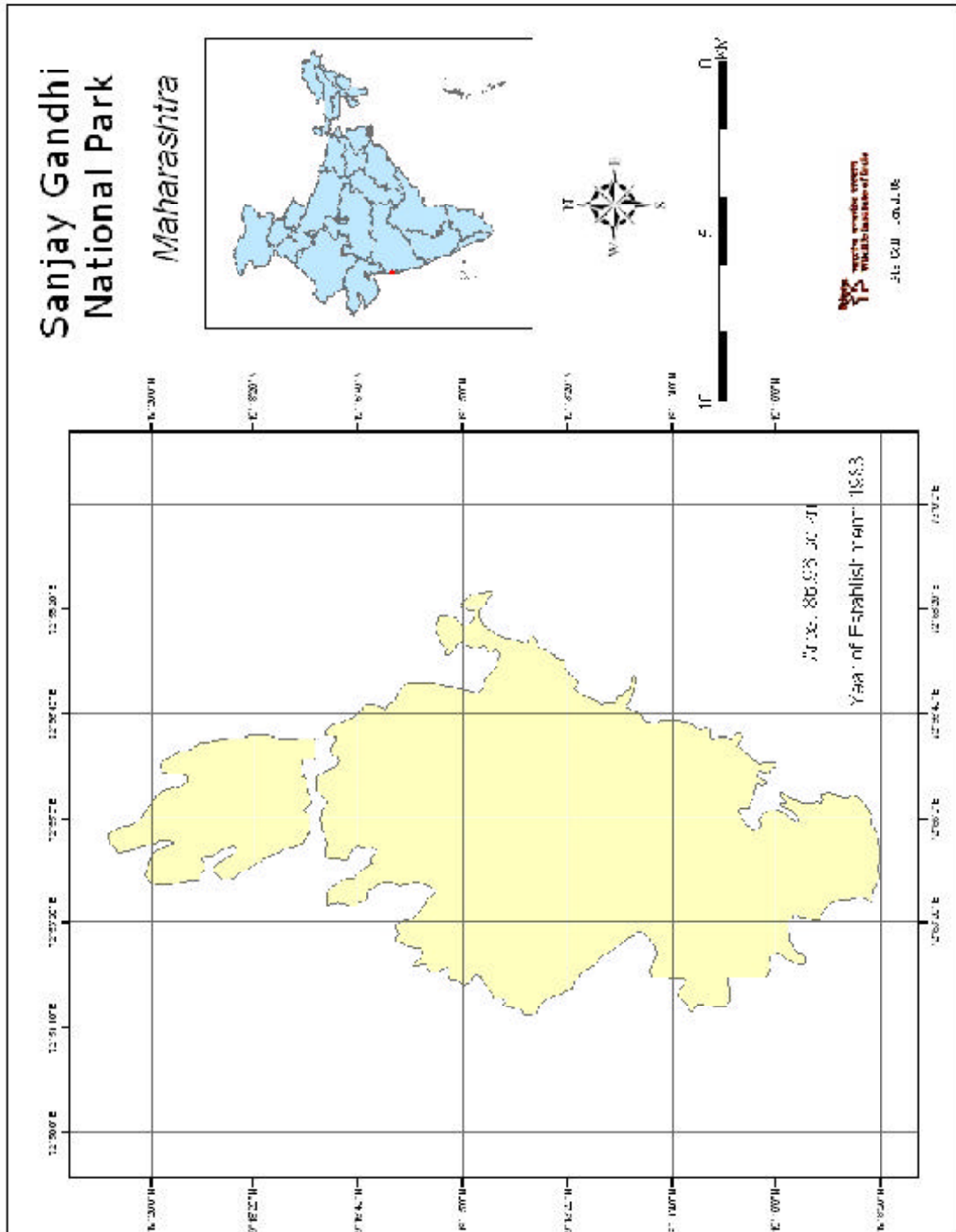
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	20	76%
2.	Planning	9	10	100	82.5	
3.	Inputs	05	10	50	32.5	
4.	Process	05	10	50	37.5	
5.	Outputs	04	10	40	32.5	
6.	Outcomes	06	10	60	45	
Total		32		330	250	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Pobitora Sanctuary (Assam)

23. Sanjay Gandhi National Park (Maharashtra)



Sanjay Gandhi National Park (Maharashtra)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Management plan of the Park ,Chapter 1 Section 2, high lights Biological ,Ecological, Archeological as also recreational /cultural values .How ever, there is scope to enlarge the same so as to include lower plant forms, non vertebrates / lower faunal elements.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or asses sed.	Poor		Section 16, Chapter III, page 27to 33 deals with varied aspects, giving detail account. in response to PIL , Hon High court, Mumbai Bench has given directives in 1997 to the State Govt. to take appropriate time bound action.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		Following the Hon High court Mumbai's directives in May 1997, human threats to the site has been curbed effectively and many site has been freed from most of the disturbances.However, enclaves of Yeur, Chena etc. within NP, will continue to be foci of disturbance.Control on pilgrims to Kanhneri caves is must.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		This National Park is unique, being located in a mega police and is surrounded by concrete jungle. Keeping in view this unique position zonation provided in the plan is appropriate. Formation of Tungareshwar sanctuary ,in northern region has given desired buffer zone. The south - western portion continues to be vulnerable but regular wall, when completed, will minimize people-park conflicts. Reserve forests along boundary of Nagala block need be bought under administrative control of Park manager. Multiple use zone out side PA i.e. Krishna giri Upwan is useful. Similar arrangements along the eastern region need be developed to accommodate potential eco tourism from Thana side
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		There is a comprehensive plan
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Plan has been written in conformity of guide lines and has been duly approved by competent authority. There is provision for revision.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Comprehensive information on threatened species yet to be completed, how ever, present safe guards are adequate.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor	✓	During plan drafting phase, involvement of stakeholders, was not provided for in the system. More over, location of park within mega city, makes identification of "resource dependent" stakeholders and satisfaction of their needs is difficult.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Management plan covers this issue adequately and in addition, habitat restoration after removal of encroachments, has been provided for and tackled effectively. Soil and moisture conservation and grassland management plan has been provided [Table 31, 32] but funds not available accordingly.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	✓	Some of key elements expected in this bio geographic zone , need be re introduced ,Le Rusty spotted cat, Otters. Presently there no planned approach.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		;park management has excellent strategy to protect and has given gOOQ results during recent past.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Area prone to high level of conflicts but effective mitigation measures in place. (National geographic film"Leopards of Bolly wood')
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		Park located partly on Island and partly on main land; except for northern portion, it is surrounded by Urban sprawl thus limiting scope. With form-tion of Tungareshwar sanctuary link with Tansa sanctuary safe guarded .
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Comparatively small area (103.78 km2) is under direct control of a senior level officer assisted by over 200 staff (section 30 of plan)Primary concern , how ever ,is multiple use area and tourism related issues. Personnel need be assigned for monitoring and research activities in the National Park area.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Compared to other areas in the state this Park has better resources.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		There is scope for improvement in adequate and timely release of funds.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		During recent past there has been considerable participation of N.G.o. in Eco restoration, Soil and moisture conservation ,Interpretation and education activities.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		As compared to need, actual releases inadequate.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Scope to deploy suitable trained staff for varied jobs like zoo management , Nature interpretation and education in the multiple use zone ; Coordination with and active support at institutional level to N.G.O.s like B.N.I.I.S .is recommended to bridge gap in the sphere of monitoring and research.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Performance link with management objectives has not been institutionalized but there are checks and balances in the existing system.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		In recent past, Park management has mobilized public support for the cause of conservation through tree planting in lands freed from encroachments ,water harvesting, interpretation and education (British Gas / BNHS initiative)
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		As indicated vide para 4 . 5 of state level evaluation.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Because of Urban back ground , issue is not directly relevant.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		This area is in lime light due to its location , there is good out reach activity but scope to improve in giving out information on key management issues.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Two interpretation centers and Tiger Orientation center next to Tiger safari meets requirements to some extent; BNHS center also plays complimentary role. Additional facilities near Kanhen caves recommended.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor	✓	Population of major carnivores and herbivores is monitored at periodic intervals and there is no other system in place. FSI forest cover mapping is useful tool
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Inventory maintenance is 'ad hoc'
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		As indicated in 5.3 above , only major flag ship species are monitored. Population of Leopards has reached optimal capacity.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Natural mix within the Park area is close to desired mix of age and spacing.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Most threats to site are abated.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Good expectations of many of the visitors are met.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Illegal settlements have been and will be threat to the Park .High rise building which house non forest resource dependent population need be involved to gain their support.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Geographically Kanheri caves are surrounded by Park and thus it assists conservation of our rich cultural heritage.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	22	69%
2.	Planning	9	10	100	72	
3.	Inputs	05	10	50	35	
4.	Process	05	10	50	31	
5.	Outputs	04	10	40	23	
6.	Outcomes	06	10	60	44	
Total		32		330	227	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sanjay Gandhi National Park (Maharashtra)

24. Sepahijala Wildlife Sanctuary (Tripura)

Sepahijala Wildlife Sanctuary (Tripura)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Has the settlement process under sections 19-26A of the WPA been Completed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Neither the notification u/s 18 or 35 issued nor the settlement process u/s 19-26-A or 66(3) completed and the site is treated as deemed PA.	Poor		This is a new question which has been added in Dr. Mathur's format.
The notification u/s 18/35 issued or deemed to have been issued but the settlement process u/s 19-26 or 66(3) not completed.	Fair		
Preliminary notification u/s 18/35 issued or deemed to have been issued, the settlement process completed but the final notification u/s 26-A or 35 as the case may be not issued.	Good		
The final notification u/s 26-A or 35(4) issued or deemed to have been issued after extinguishment of all rights over the area constituting the PA	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

1.4 Is there any human settlement within the PA?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human settlement with increasing human and cattle population causing deterioration to biodiversity.	Poor		This is a new question which has been added in Dr. Mathur's format.
The site has a stable human and cattle population.	Fair	✓	
The site has human settlement within the PA but the same are under the process of relocation outside the PA.	Good		
The site has no human and cattle settlement within the PA.	Very good		

1.5(1.3) Is the site free from outside human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference from outside the PA.	Poor		This question was 1.3 under Dr. Mathur's revised format.
The site has some human and biotic interference from outside the PA.	Fair	✓	
The site has little human and biotic interference from outside the PA.	Good		
The site has no human and biotic interference from outside the PA.	Very good		

2. Planning

2.1 Has the external boundary of the site (NP/WLS) been precisely described and notified?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Boundary of the site not described precisely.	Poor	✓	This is a new question which has been added in Dr. Mathur's format.
Boundary not described but the extant of PA described with help of plot numbers of the village cadastral map.	Fair		
Boundary described with help of prismatic compass bearings and inter pillar distances.	Good		
Boundary described by latitude and longitude of points of deviations of the boundary.	Very good		

2.2 Has the Boundary of the PA been properly demarcated on the ground?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Boundary of the site not demarcated precisely and distinctly on the ground.	Poor	✓	This is a new question which has been added in Dr. Mathur's format.
Boundary of the site demarcated with help of temporary pillars/mounds.	Fair		
Boundary of the site demarcated with help of permanent pillars.	Good		
The entire boundary of the site fenced permanently.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

2.3 Has the boundary of the site (NP/WLS) been rationalised?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Boundary of the site not rationalized and there exists enclave(s) of private properties within the site.	Poor	✓	This is a new question which has been added in Dr. Mathur's format.
Boundary of the site not rationalized and there exists enclave(s) of private properties criss-crossing the periphery of the site.	Fair		
Boundary of the site though rationalised, there are stretches of habitat contiguous to but outside the PA.	Good		
The entire boundary of the site is fully rationalised.	Very good		

2.4(2.2) Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		This question was 2.2 under Dr. Mathur's revised format.
Management Plan exist but not comprehensive and does not divide the PA into different Zones.	Fair	✓	
Site has a comprehensive Management Plan including identification of the zones on the ground.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.5 Has the Management Plan been approved by the competent authorities?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The Management Plan not approved by any authority.	Poor	✓	This is a new question which has been added in Dr. Mathur's format.
The Management Plan has been reviewed and approved by the CWLW.	Fair		
The Management Plan has been approved by the State Govt. on recommendation of the CWLW.	Good		
The management Plan has been sanctioned by the state Govt. after its due review by the CWLW and the WII / outside agency.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

2.6 Is there any control mechanism in place to monitor the implementations of the prescriptions of Management Plan ?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
1. Nether any mechanism in place nor any prescribed by the Management Plan.	Poor	✓	This is a new question which has been added in Dr. Mathur's format.
2. The Plan prescribes maintenance of controlled form and approval of Deviation statement, but no mechanism to monitor.	Fair		
3. The Plan prescribes maintenance of control form and deviation statement and control mechanism is also in place, but not implemented.	Good		
The Plan prescribes maintenance of control form and deviation statement and control mechanism is also in place and the4 same being implemented..	Very good		

2.7(2.3) Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		This question was 2.3 under Dr. Mathur's revised format.
Management Plan sometimes updated in ad-hoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.8(2.4) Does the site safeguard the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		This question was 2.4 under Dr. Mathur's revised format.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.9(2.5) Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		This question was 2.5 under Dr. Mathur's revised format.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good	✓	

2.10(2.6) Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely ad-hoc.	Poor	✓	This question was 2.6 under Dr. Mathur's revised format.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.11(2.7) Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		This question was 2.7 under Dr. Mathur's revised format.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.12(2.8) Does the site have an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		This question was 2.8 under Dr. Mathur's revised format.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

2.13(2.9) *Has the site been effective in the mitigation of human-wildlife conflicts?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		This question was 2.9 under Dr. Mathur's revised format.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good	✓	

2.14 *Is the site properly identified (NP/MLS) and categorized (in terms of Zonation) to achieve the objectives?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly systematically categorized with proper zonation plans.	Very good		

2.15 *Is the site integrated into a wider ecological network following the principles of ecosystem approach?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network / landscape.	Poor		This does not appear to be appropriate at site level and may be taken to state level assessment.
Some limited attempts to integrate the site into a network / landscape.	Fair		
Site is generally quite well integrated into a network / landscape	Good		
Site is fully integrated into a wider network / landscape.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3. Inputs

3.1 *Are personnel well organised and managed according to the specific objectives of management? Are the personnel well organized and managed with access adequate recourses ?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Personnel Resources allotted in adhoc manner without any idea of requirement or availability thereof.	Poor		The portion struck off is the one as it existed in Dr. Mathur's revised format. Since the subsequent points i.e. 3.2 & 3.3 talk about other recourses, there appears no necessity for lumping up other resources with personnel resources.
No exercise carried out to fix optimum requirement of personnel resources required for the specific management objectives of the PA and personnel resources allotted as per availability.	Fair	✓	
Optimum requirement of resources worked out as per specific management objectives but allotment made as per availability.	Good		
Optimum requirement of resources worked out as per specific management objectives and adequate allotment made accordingly.	Very good		

3.2 *Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources allotted in adhoc manner without any idea of requirement or availability thereof.	Poor		
No exercise carried out to fix optimum requirement of resources required for the specific management objectives of the PA and resources allotted as per availability.	Fair		
No exercise carried out to fix optimum requirement of resources required for the specific management objectives of the PA and resources allotted as per availability.	Good	✓	
Optimum requirement of resources worked out as per specific management objectives and adequate allotment made accordingly.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.3 Are resources (human and financial) linked with to priority actions prescription of Management Plan and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	
Some specific allocation for management of priority action and some funds released in time.	Fair		
Prescriptions of Management Plan Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Prescriptions of Management Plan Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor	✓	
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained man power resources for effective management ?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and front lone staff in the site .	Poor		
Few trained officers and front line staff who are posted in the site	Fair	✓	
A large number of trained officers and front lined staff are posted in the site.	Good		
All trained managers and front line staff are posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good	✓	

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good	✓	

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacing that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 How effective is the enforcement of WPA?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Serious violation of WPA takes place but cases not detected	Poor		This is a new question which has been added in Dr. Mathur's format.
Serious violation takes place, some cases detected and in a few cases prosecution launched but no conviction has taken place	Fair	✓	
Serious violation takes place, cases detected and in a few cases offenders convicted	Good		
Serious violation takes place / violation do not take place, cases detected and in most of the cases offenders convicted.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.4(6.3) Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		This question was 6.3 under Dr. Mathur's revised format.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.5(6.4) Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		This question was 6.4 under Dr. Mathur's revised format.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.6(6.5) Are neighbours and adjacent communities supportive of PA management?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		This question was 6.5 under Dr. Mathur's revised format.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good	✓	

6.7(6.6) Are cultural heritage assets protected?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		This question was 6.6 under Dr. Mathur's revised format.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

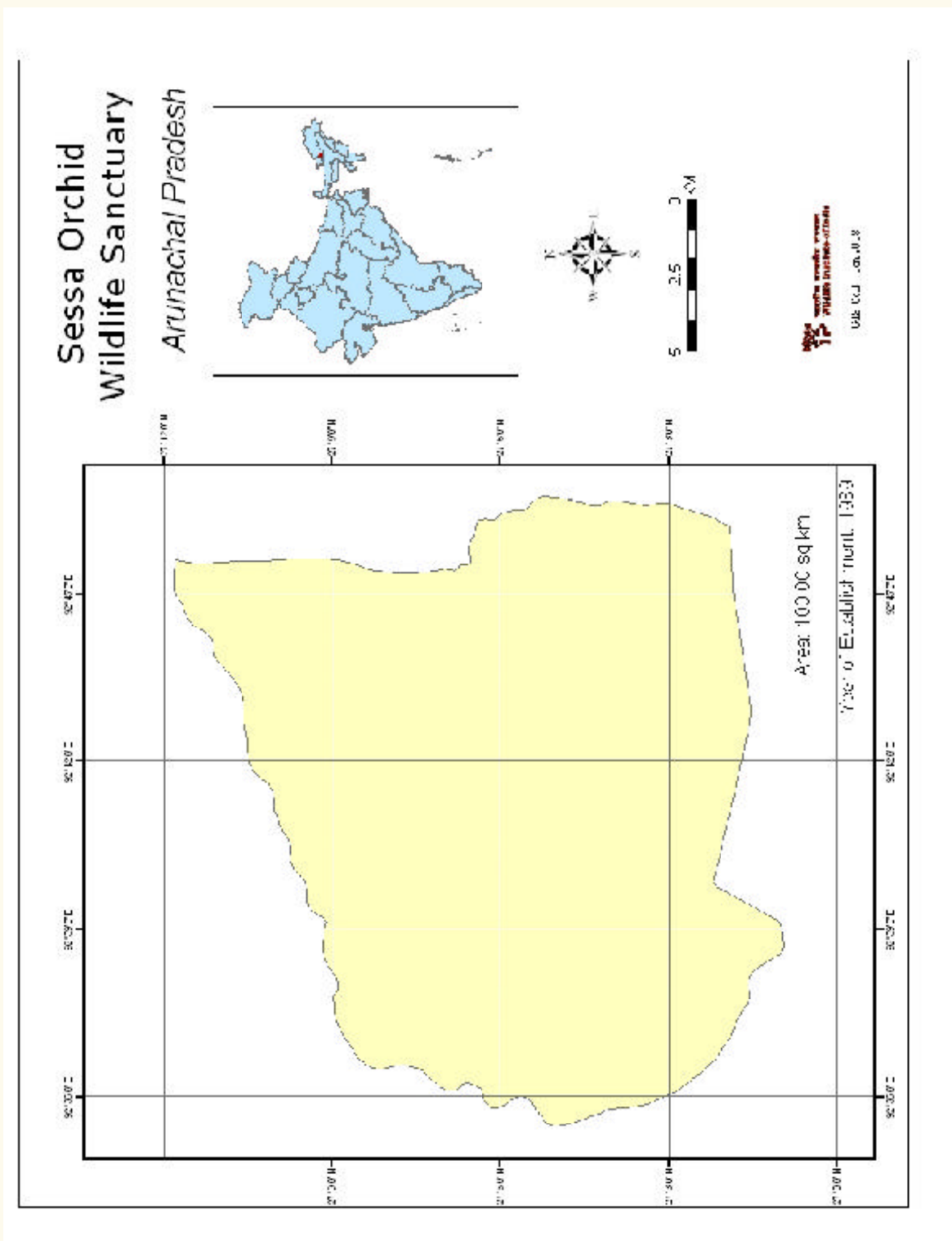
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	05	10	50	37.5	62%
2.	Planning	13	10	130	64.5	
3.	Inputs	05	10	50	22.5	
4.	Process	05	10	50	42.5	
5.	Outputs	04	10	40	30.0	
6.	Outcomes	07	10	70	45.0	
Total		39		390	242	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sepahijala Wildlife Sanctuary (Tripura)

25. Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)



Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The values of the site has been very well documented.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		All potential threats are being identified. The threats cover (a) construction of 600MW power house at KIMI (b) ITDC tourist lodge (c) Poaching pattern (d) NTFR extraction. (e) Ecological threats of the weeds has also been identified
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from outside human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference	Poor		Human settlement and encroachment has been stopped.
The site has some human and biotic interference	Fair		
The site has little human and biotic interference	Good	✓	
The site has no human and biotic interference	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of Zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The categorisation and zonation has been done but specific identification at the site has not yet happened. Broadly area is known to the department.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		The site has a draft management plan. That is yet to be approved by higher authorities. Period 2005-2009
Management Plan exist but not comprehensive	Fair		
Site has a comprehensive Management Plan	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Yet to be done, but is modified as per requirement
Management Plan sometimes updated in ad-hoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 Does the site safeguard the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		As per the management there were no stakeholder at the time of declaring the sanctuary. At present some encroachers are claiming rights of settlement.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely ad-hoc.	Poor		The job is restricted to cleaning weeds, water tank construction only
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		At present there is no reintroduction programme [it is to be decided if this point could be evaluated]
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	✓	
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site have an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Detailed strategy has been worked out, keeping in mind the ground reality.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

2.9 *Has the site been effective in the mitigation of human-wildlife conflicts?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		There is no major human wildlife conflict. Some incident may not be reported also. Villagers are also not aware of the necessity and procedure of reporting.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good	✓	
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 *Is the site integrated into a wider ecological network following the principles of ecosystem approach?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network / landscape.	Poor		Sessa Orchid Sanctuary and Eagle nest WLS falls within the same landscape and broad ecological unit. There are no other specific activities required to homogenous and for ecological integration. The declaration of the nearby areas simultaneously as sanctuaries is a farsighted and laudable exercise.
Some limited attempts to integrate the site into a network / landscape.	Fair		
Site is generally quite well integrated into a network / landscape	Good		
Site is fully integrated into a wider network / landscape.	Very good	✓	

3. Inputs

3.1 *Are the personnel well organized and managed with access adequate recourses?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management	Poor		The personals are well organised.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management	Poor		Resources are not adequate, but whatever available are being utilised.
Some resources explicitly allocated for pa management but not systematically linked to management objectives	Fair		
some resources explicitly allocated towards achievement of specific management objectives..	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked with to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		The resources are linked with priority actions. Gol release fund during Set-Oct, but state Govt. releases it by Feb-Mar next year.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Some support from the NGO has been received
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		The resources are inadequate. The affords are being taken to generate resources.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained man power resources for effective management ?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site .	Poor	✓	Only one has been trained.
Few trained officers and front line staff who are posted in the site	Fair		
A large number of trained officers and front lined staff are posted in the site.	Good		
All trained managers and front line staff are posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		There is a linkage between the performance to management objectives
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		There is no possibilities of public participation. The situation of the site , pattern of the fringe population and the low density do not allow the regular participation of the people.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

4.4 Is there a responsive system for handling complaints and comments about PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor	✓	The mechanism does not exist. It can be framed as and when required.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		As per the present circumstances there is no linkage, but it will gradually take shape. There are small demands coming from the fringe are people, that will be taken care off.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		What ever materials are available to the department are accessible to the people. There is a need of further activities in this regard
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		The facilities are not adequate.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		The reporting system exists and working well. A wireless operator at the beat office exists
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		There is a system exists.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Monitoring has been done. The census has been done for Elephant, leopard, Himalayan Black bear etc. The census does not held regularly.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacing that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		The threat has been identified and has been abated.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good	✓	

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		The expectation a re generally met
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		The small population in the fringe are not against, and there is no reason to evaluation of the support status to the park
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good	✓	
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Cultural assets are being identified and management are aware about it. Separate protection is need offered now. If required they will offer.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

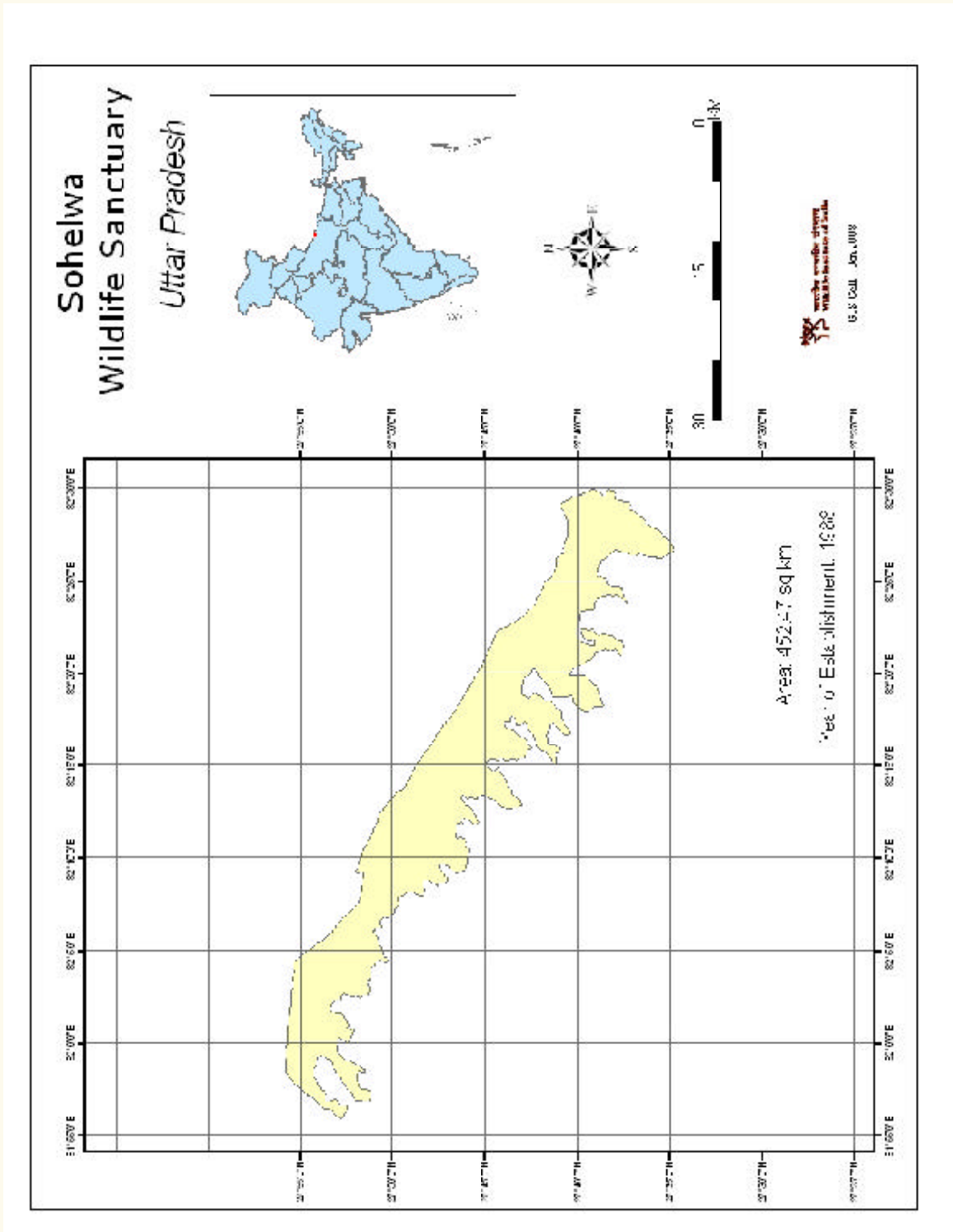
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	27.5	71%
2.	Planning	10	10	100	77.5	
3.	Inputs	05	10	50	32.5	
4.	Process	05	10	50	25.0	
5.	Outputs	04	10	40	25.0	
6.	Outcomes	06	10	60	47.5	
Total		39		330	235.0	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sessa Orchid Wildlife Sanctuary (Arunachal Pradesh)

26. Sohelwa Wildlife Sanctuary (Uttar Pradesh)



Sohelwa Wildlife Sanctuary (Uttar Pradesh)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The value of the site are well documented in the management plan and a booklet prepared in Hindi 'Sohelwa Ke Van'. Values have been well assessed on the basis of which management prescriptions are proposed but the monitoring system is week and needs improvement.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats are well documented in the management plan and management strategy has accordingly been planned.
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good	✓	
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	The PA has been created from the old Reserves of Sohelwa and Tulsipur and part of vested forests of Balrampur Estate most of which have now the RF status. There are 180 villages within 5 km. from the PA boundary on Indian side. Nepal falls all along its Northern boundary. The average width of PA is 6.7 km. only. The human population in villages within 5 Km. from PA boundary in India is over 130,000 and cattle population is over 1,00,000. 63 villages fall close to the PA boundary, distance being 0-1 km. The pressure on the PA is in the form of grazing, fuel wood collection, NTFP collection, timber felling and occasional poaching. Due to frequent change of PA Directors, little efforts to minimize the pressures were made. The present DFO is trying his best to stop these pressures and results have already started showing in some Ranges.
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The site is properly identified and has been notified as WLS under Wildlife (Protection) Act 1972. No zonation has been done and the entire WLS has the same management practices. Two ranges to the east of the PA are under the management of DFO, Sohelwa WLS and are being treated as buffer. The tourism is allowed in all important places. Though the number of visitors is limited. This is an important PA on Tarai Arc Landscape.
Site identified correctly but not categorized.	Fair	✓	
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		There is a comprehensive management plan. Which is first for this PA for a period of 10 years from 2000-01 to 2009-10. With lot of new technologies having evolved and good experience gained this needs updating.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		This is the first management plan of the PA which is not due for revision. This needs updating immediately.
Management Plan sometimes updated in adhoc manner.	Fair	✓	
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		The biodiversity value of the site is that this is a connecting link of Tarai Arc Landscape and the landscapes if secured has tremendous biodiversity value. In the North-West there are following forest blocks with few gaps in between and it then gets connected with Katarniaghat WLS. Sohelwa- Kakadari-Charda-Chakia- Katarniaghat WLS. In the North are the Churia hills of Nepal with some contiguity with this PA. There is a big gap in the Eastern portion of India but through the forests in Nepal it has some connectivity with the eastern most tiger habitat comprising of Chitwan N.P. in Nepal and Sohagibarwa WLS (UP) and Valmiki TR (Bihar) in India. The PA is linear in shape but has a vital linkage value for survival of tigers. During recent past wild elephants in small groups are visiting Sohelwa WLS every year.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor	✓	Till now there has been little participation of stakeholders in the planning process except involvement of Budha Society, a Balrampur based NGO which is actively represented by Prof. Nagendra Singh of PG college Balrampur who is also a WWF- India coordinator in Balrampur. Smt. Neharika Singh of Tapoban Farm near Bankatwa Range has also formed a NGO at local level and was seen taking some interest in the management affairs of the P.A. Let us hope the interest is sustained on positive aspects and not just criticizing the management without positive support.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		In the Annual Plan of Operation submitted to Govt. of India for 2006-07, Rs. 21.75 lakh was proposed for habitat improvement, water and soil conservation measures and survey and demarcation of boundary but hardly 5 lakh could be sanctioned. Similarly in 2005-06. 4 lakh was sanctioned for habitat improvement and survey and demarcation but only 1.88 lakh was sanctioned for control burning of grasses and weeds and Rs. 2 lakh for soil conservation works. No budget is provided by State Govt. for these works. Habitat improvement consisted of grassland development, uprooting of lantana weeds and soil conservation measures like construction of check dams etc. With the available budget no systematic planning is possible. Monitoring is being done at the DFO/ACF level and also at higher levels.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	-	No Programme being taken up.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	-	
Reintroduction programmes are generally well planned and monitored.	Good	-	
Reintroduction programmes are thoroughly planned and monitored.	Very good	-	

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The strategy for protection is continued patrolling by frontline staff, vigilance, intelligence collection and checking of illegal activities like grazing, fuel wood and NTFP collection, checking of poaching and illicit felling etc. No regular patrolling scheme is drawn nor there is systematic intelligence network.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor	✓	There has been an intense human wildlife conflict in the PA during last 5 years. 91 children were killed and 52 injured by wolves in the villages around the P.A. Intensive efforts were put in by the management to eliminate the problem. Cattle lifting incidents by tiger/leopard are negligible due to prey availability in the forest but damage to agricultural crops by wild boars Nilgai and other herbivores is substantial, large number of cases of payment of compensation on account of killing/injury by wolves still remain to be decided/paid. Due to large number of villages close to the PA the conflict is likely to remain unless concerted efforts are made.
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		As is clearly explained under point no. 2.4 above, this site is very important in the Tarai Arc Landscape and though the management is aware of the value of the site as an important linkage in the TAL but little efforts are being made for restoration of linkages etc. The forests of Bahraich/ Srawasti districts are under jurisdiction of DFO, Sohelwa and are also important as a viable tiger conservation habitat but there needs to be a action plan for coordination between the two. Similarly, there needs to be more meaningful dialogue with authorities of adjoining Nepal forests. Many artificial and natural water bodies in the PA attract migratory birds during winter and their protection is part of the PA management.
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		The personnel are used exclusively for management and protection of wildlife and its habitat but they lack training and are not fully oriented into it. As they were previously in the traditional forest working their attitude is yet to be changed. They have sufficient number of fire arms and there is satisfactory communication network but the supply of uniforms, timely payment of TA etc. and provision of motorcycle and bicycles for field staff remains to be met.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		The position of four wheel vehicles is satisfactory but motor cycles and bicycles for frontline staff needs urgent attention. Though the position of fire arms is good but their upkeep & training of staff to efficiently handle them is lacking. Most of the buildings are old and need repairs. Wireless network needs expansion.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria																												
Condition	Category*	(Tick ✓)	Remarks																									
Resource allocation is adhoc and funds are never released in time.	Poor		The fund position for last 5 years is as under : <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Year</th> <th>Total funding (other than salary & collection)</th> <th>Provided under CSS</th> <th>Percentage of CSS</th> </tr> </thead> <tbody> <tr> <td>2001-02</td> <td>1129.67</td> <td>7.55</td> <td>0.66%</td> </tr> <tr> <td>2002-03</td> <td>70.14</td> <td>8.40</td> <td>11.90%</td> </tr> <tr> <td>2003-04</td> <td>29.17</td> <td>18.00</td> <td>61.70%</td> </tr> <tr> <td>2004-05</td> <td>45.77</td> <td>31.80</td> <td>69.50%</td> </tr> <tr> <td>2005-06</td> <td>36.77</td> <td>31.83</td> <td>86.50%</td> </tr> </tbody> </table>		Year	Total funding (other than salary & collection)	Provided under CSS	Percentage of CSS	2001-02	1129.67	7.55	0.66%	2002-03	70.14	8.40	11.90%	2003-04	29.17	18.00	61.70%	2004-05	45.77	31.80	69.50%	2005-06	36.77	31.83	86.50%
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Some specific allocation for management of priority action and some funds released in time.	Fair	✓																										
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		In 2001-02 & 2002-03 main funding came from World Bank aided Forestry Project and also from Border area Development Scheme. The budget allotted by State Govt. under fire control plan and communication was mainly used in the 2 Ranges in buffer area. Substantial funding by Govt. of India under CSS Development of National Park & Sanctuaries came from 2003-04 onwards. The State Govt. bears the salary, wages and other allowances of the establishment to the tune of 65 to 70 lakhs annually. During 2006-07 a total of 34.57 lakh has been sanctioned under CSS out of which 24.10 has been released to State Govt. but State Govt. has so far released only 12.05 lakh to the PA. The release by State Govt. is generally delayed.																									
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good																											

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		So far only WWF-India has been supporting the PA in terms of equipment. They have so far provided the following equipment : Bolero Camper field vehicle - 1 Yamaha Crux Motor Cycles - 4 Wireless sets with chargers: Fixed - 7 Nos. Handsets - 20 Nos. Mosquito Nets - 200 Nos. Jackets - 200 Nos. Wildlife Census kits - 70 Nos.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good	✓	
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Resource is insufficient and more support is needed under CSS & also for the State Govt. Front line staff position is good but the training is lacking and average age is high. The vacancy in ACF level needs to be filled for better supervision of works as DFO has to remain busy with miscellaneous duties at district level. Frequent changes of DFOs (7 during last 7 years) has not helped the management to push forward the planning and implementation.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Neither any officer nor any of the frontline staff is trained in wildlife.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Staff performance is management linked as far as the protection part of management goes but for meeting other management objectives the performance needs more oriented.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair	✓	
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor	✓	Public participation in management is very little. One Balrampur based NGO is involved in few aspects of management. Some help in information collection is taken and all the works in the PA are done by local people on payment of wages.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		The complaints are routinely handled and there is no responsive system in place.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	There is heavy dependence of the local people on forest resource of the P.A. No management strategy is there in place to reduce this dependence by providing alternatives except the policing. The women are by and large illiterate and poor and their livelihood issues need to be addressed urgently.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Management Plan has adequate information but needs to be put on website of the PA, which does not exist at the moment. At least its copy can be put in public library at district HQrs. The booklet in Hindi "Sohelwa ke Van" published recently and widely distributed is a good effort. The brochure in Hindi has good tourism related information and general information.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good	✓	
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		The number of visitors is low (1500-1600 annually). The presence of Forest Rest Houses in deep forests with heritage values could be a good attraction. The brochure has enough useful information for the visitors. Staff is friendly and Rest Houses have good Chaukidars. There are signage at important places which need more planning.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor	✓	The management trends are not being systematically evaluated. This is the first evaluation of its kind done by an external agency based on IUCN guidelines.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		The maintenance schedule as per departmental practice for infrastructure/assets exists but funds are not adequate for their maintenance specially for maintenance and upkeep of staff quarters, bridges and culverts, fire arms, wireless sets and Forest Rest Houses.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		The estimation figures maintained by the management show a declining trend for tiger population and that is evident from the decline shown in the important ungulate population (Cheetal, Sambar & Nilgai). Panther population shows an increase and that is evident from the signs found by me on the ground. This is another indication of decrease in tiger population. During my field visit of two days I could see pug marks of one large female in Bankatwa range close to Pipraha FRH near Hathiyakund Nala and pugmarks of a male tiger in Mendhkiya beat of same Range behind Banghogwa bund. The habitat is good and has potential for good tiger population provided the biotic pressures are reduced.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		The forest quality in most parts is excellent but due to overgrazing in the past regeneration of important species is deficient and there is infestation of lantana and few other weeds. The tigers are said to be breeding and so is the case with other carnivores and herbivores but with high disturbance level the ratio is likely to be affected. Bird populations look more healthier.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		The present DFO is very particular about minimizing of biotic pressures and has been successful to some extent in some ranges with the support of ACF and RFO. Illicit filling of timber species is a constant threat which has been checked to a great extent by the present DFO. The head load lifting of firewood continues and needs to be checked. There has been a decline in poaching cases also.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		There are only 1500-1600 visitors to the PA annually whose remarks in FRH registers show that their expectations were generally met.
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good	✓	
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor	✓	The large number of villages on one side of PA have experienced horrifying menace of wolves during past 5 years and are not supportive of PA management in general. Their dependence on forest resources and absence of alternatives also makes them antagonistic when they are checked or restricted to go to the forest.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		The Forest Rest Houses are the most important cultural heritages present in the PA most being close to 100 years old. They have been well protected. Rajia Tal in Sohelwa East constructed in Moghal period by Razia Begam and the caves known as "Angulimal Caves" in Bhainsasur beat of Tulsipur Range are also well protected. The Tharus, a Schedule Tribe of Tarai inhabit many villages in Sohelwa West, Rampur and Bhabar Ranges and their traditions are well protected.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	15.0	52%
2.	Planning	10	10	90	47.5	
3.	Inputs	05	10	50	27.5	
4.	Process	05	10	50	17.5	
5.	Outputs	04	10	40	20.0	
6.	Outcomes	06	10	60	35.0	
Total		33		320	166.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sohelwa Wildlife Sanctuary (Uttar Pradesh)

27. Sultanpur National Park (Haryana)

Sultanpur National Park (Haryana)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Sultanpur NP is a small NP in a highly industrialized and urbanized city of Gurgaon with just 1.4 km ² area. This is basically a waterbody attracting migratory birds in large numbers in winters. 1.21 km ² area was declared as Wildlife Sanctuary in 1971 under Punjab Wildlife Preservation Act of 1959. Later the area was increased to 1.42 km ² in 1991 and simultaneously it was declared as a NP. The value of the site as a important wetland attracting large number of migratory birds are well documented.
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good	✓	
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		As far as the site proper is concerned, the threats are well documented and assessed but the biggest threat to the site is industrial development in its immediate vicinity. Gurgaon is developing as one of the most modern cities in the country and its proximity to the capital city of Delhi has accelerated its growth within very short time. This NP though small in extent could be very important as the lung of Gurgaon as also a very important destination for weekend relaxation. A buffer zone of 136 km ² around the sanctuary was declared at the time of notification which was closed to all type of hunting and trapping, encompassing 17 villages. At the moment there is great pressure right at the doorstep of the NP for establishing industries but the State Govt. has not taken any steps under Environmental Protection Act to declare a ecosensitive zone around this NP. This threat is going to stop the migratory birds to come to the site thereby loosing all its charm in spite of years of efforts put in here. If the state Govt's enthusiasm to bring in large industries close to this NP is not checked then the dream of great ornithologist late Salim Ali, Mr. Peter Jackson the then IUCN member and our late P.M. Smt. Indira Gandhi to make it a great destination for migratory birds, will get shattered.
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		The site proper has little or no human or biotic interference as such but the threat mentioned in para 1.2 above could ruin the future of this important destination of migratory birds.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

2. Planning

2.1 Is the site properly identified (NP/MLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		This is a small P.A. with 50% of the area being under water. Proper zonation within the NP has been done to denote areas for visitors. The map with paths inside NP which visitors could take is displayed at the reception. The zonation is in terms of water-body and forest area. Large herds of Nilgai could be seen in Forested area roaming around undisturbed.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 Does the site have a comprehensive Management Plan?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		A Management Plan was drafted by the previous I/c of the NP for 2000-01 to 2004-05 but was not finally approved by CWLW. The M.P. is a good effort which needs to be edited and approved with some modifications.
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor	✓	There is a draft MP which needs to be updated and approved.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		The site is very small and well fenced all around. The biodiversity is in terms of migratory and resident bird species, some mammals, reptiles and amphibians. The tree species are mostly planted and few natural shrubs, herbs and grasses are coming up. Site being small and fenced threatened biodiversity values are safeguarded.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor	✓	Stakeholders are mainly visitors, one guide and villagers of surrounding villages. There is no opportunity given so far to stakeholders to participate in planning.
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		The NP has 50% of habitat as a waterbody. Most important planning for habitat restoration is to keep the waterbody alive. With the help of CSS budget the management has got a permanent water supply from Gudgaon water supply scheme due to which the water remains throughout the season. Other programmes like weed eradication, mound construction and maintenance is done regularly.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	-	There is no such programme in the PA.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair	-	
Reintroduction programmes are generally well planned and monitored.	Good	-	
Reintroduction programmes are thoroughly planned and monitored.	Very good	-	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The site is fenced from all around as it is surrounded by habitation and agriculture. The fence is being strengthened and there is little infringement by cattle or human beings.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		The only conflict is raiding of agricultural fields around the PA by Nilgai. With repair of fence which is in progress this problem will be reduced. Stray dogs also get into the PA and harass birds and fawns. This will also be mitigated with strengthening of fence.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		This is an isolated site mostly used by migratory birds. Migratory birds fly to nearby areas for feeding. Different species depart from and arrive to the site at different times. There are few water bodies in the nearby areas and river Yamuna is also not very far. Bhinderwas WLS, which is also a site for migratory birds is at a distance of 50 km. and Okhla WLS is also approachable. Bhinderwas WLS is well maintained.
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Area being small the management staff consisting of a Inspector I/c, 1 Sub Inspector and 2 wildlife Gaurds are well organized and they have one jeep, one motor bike, a wireless field station, walkie-talki set and a revolver with the Inspector. The resources are enough for this small N.P.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 *Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?*

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		The resources are enough and well organized and managed for this small NP.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 *Are resources (human and financial) linked to priority actions and are funds released timely?*

Assessment criteria																											
Condition	Category*	(Tick ✓)	Remarks																								
Resource allocation is adhoc and funds are never released in time.	Poor		The availability of budget from State Govt. and centrally sponsored scheme has been as under for the last 5 years excluding salary of staff:																								
Some specific allocation for management of priority action and some funds released in time.	Fair																										
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good	✓																									
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		<table border="1"> <thead> <tr> <th>Year</th> <th>State Budget</th> <th>CSS</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2001-02</td> <td>8.24</td> <td>1.71</td> <td>9.95</td> </tr> <tr> <td>2002-03</td> <td>0.69</td> <td>5.60</td> <td>6.29</td> </tr> <tr> <td>2003-04</td> <td>0.64</td> <td>12.05</td> <td>12.69</td> </tr> <tr> <td>2004-05</td> <td>25.16</td> <td>12.13</td> <td>37.29</td> </tr> <tr> <td>2005-06</td> <td>18.28</td> <td>22.85</td> <td>41.13</td> </tr> </tbody> </table> <p>In addition to the above the State Govt. spends 7 to 8 lakh per year on salaries and wages of the PA staff. The centrally sponsored scheme has been very helpful for the NP due to which the water supply to the water body could be restored, deepening of lake at desired places could be done, fencing is being repaired and interpretive facilities could be made. Rs. 68.27 lakhs has been sanctioned for 2006-07 under CSS including 7.335 lakhs of previous year unspent balance out of which 42.50 has been released in 1st installment and the total amount has been released to field.</p> <p>Some major amount of CSS remained unspent during 2003-04. Rs. 20 lakhs were sanctioned for setting up of a Biodiversity Conservation Centre out of which only 1.5 lakhs were spent during that year on purchase of bricks and sand. The scheme has now reportedly been dropped and bricks etc. utilized elsewhere. Rs. 20.25 lacs sanctioned in 2005-06 for raising of fence has also not been fully utilized as 7.335 lakh is unspent which is being utilized this year. The utilization of central funds has otherwise been usefully done. Fund release has by and large been done timely by central and State Govts.</p>	Year	State Budget	CSS	Total	2001-02	8.24	1.71	9.95	2002-03	0.69	5.60	6.29	2003-04	0.64	12.05	12.69	2004-05	25.16	12.13	37.29	2005-06	18.28	22.85	41.13
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*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		The Salim Ali Centre for Awareness was set up by BNHS and bird ringing was also done by BNHS for studying the migratory birds.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		Resources are sufficient for most tasks.
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good	✓	
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		The present Inspector I/c of the NP was trained in Bandhavgarh Wildlife Training Centre. Previous Inspector I/c was a diploma trained from WII, Gaurds are not trained but one of the gaurds Mr. Bharat Lal has good exposure to identification and habits of migratory and resident birds.
Few trained officers and frontline staff, who are posted in the site.	Fair	✓	
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		The PA staff performance is purely management linked for achievement of management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor	✓	The public participation is poor and needs to be improved.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		There is a routine system of handling complaints which is not responsive enough to get good feedback about performance of the Management.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor	✓	There are no communities directly dependent on the PA as it is very small in extent. It can provide livelihood in the form of guides who can be trained in bird identification and registered as nature guides. One local guide who is well versed with migratory and resident bird species is working on his own in the PA after a formal training, since last 4-5 years but he has not been registered by the PA in spite of his repeated requests. Instead of discouraging him by not registering, more and more guides from neighbouring villages should be trained and registered. This will help PA Management in the long run in keeping away the large industrial interests right at the door of the PA.
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		There is a draft Management Plan prepared but not approved. It has adequate information. A booklet prepared by Kalpvriksh- "Small and Beautiful Sultanpur National Park" with very good information and background history etc.is available. A folder prepared long back when it was a Sanctuary needs immediate revision.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		The NP has got Dr. Salim Ali Centre, Library and Education and interpretation centre as also a binocular. The reception is well managed but there are no registered guides. One F.Gd is well versed with migratory and resident birds. A local trained guide is also available but he has not yet been registered.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good	✓	
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Initially monthly bird counts in this tiny NP were initiated by Kalpvriksh a Delhi based NGO who sent its members to the Park regularly. On the basis of the observations and studies of the members of Kalpvriksh detailed inventories of plants, mammals, birds, reptiles and amphibians and butterflies were prepared and appended to a informative booklet named "Small and Beautiful- Sultanpur National Park" which was published by Kalpvriksh. This is perhaps the only such compilation based on detailed studies for this PA. The study also indicated that the Sultanpur Jheel was drying up and is also turning more saline. In spite of efforts to supplement water by bore wells the water body had dried and migratory birds had slopped visiting this place and during 1995 to 2000 there was no water in the Jheel. Now a 5 cu.sec. water channed has been taken from Gudgaon water supply scheme which not only keeps the water body alive but has also addressed the salinity problem. Almost a daily count of important migratory bird species and total birds is done and displayed on a board at the reception. Monthly count needs to be published and handed out to visitors. The census of Nilgai is also being done. Water level of the Jheel is also monitored.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good	✓	
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		The PA being small, the infrastructure and assets are all at one place and their maintenance is easy to monitor. Reception, Salim Ali Centre and interpretation centre are well maintained as also the staff buildings and parking, lawn etc. The fencing needs regular maintenance for which State Govt. should keep yearly provision.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair	✓	
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		The population of migratory birds visiting the NP depends more on the external factors. However, there has been an encouraging trend as far as the total number is concerned but among individual species, the number keeps on varying. Number of flamingos visiting the NP has gone down. Due to heavy urbanization and industrialization in Gurgaon which is extending towards the Park at an alarming speed many birds like Osprey, Sirkeer cuckoo, black necked stork are becoming rarer. The number of Nilgai is increasing fast and may become a cause of concern for the management in near future. Special efforts to maintain the fish population of indigenous species suitable for a larger range of birds are urgently called for.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		After arrangement of regular water flow in the lake and control of salinity the water fauna and flora is improving. The depth of the lake is being maintained in such a way that it can support more species of migratory birds. As far as the terrestrial species of flora and fauna are concerned, there is more of Prosopis juliflora which needs to be kept under check specially from shallow parts of the lake.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		The main threat from stray cattle and dogs will be minimized once the fence repair and raising is completed which is in progress. The threat to salinity of water and volume of water has been abated by getting the water connection from Gurgaon water supply scheme. A Siltation tank which is nearing completion will also reduce the rate of siltation of the lake.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		The number of visitors in 1989-90 had gone up to 36000 which came down as the lake dried. After 2000 the revival of lake has again brought up the number to 26,389 in 2005-06. This year during November and till first week of December the number had reached 17307. With Gurgaon developing into a most modern populated city the number is likely to go up very high. Special efforts will have to be made to regulate large tourist numbers and a fee hike may be one of the solutions. Restriction of daily numbers with wide publicity and closing the Park once a week could also be introduced. Area of park being small, picnicking needs to be strictly prohibited and expansion of lawns will be very harmful in long run. The entry inside fence along viewing paths could also be regulated and guided through local trained and registered guides. At present there is large crowd on weekends which needs to be strictly regulated.
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor	✓	There is little or no dialogue or involvement of local communities. Area being small is managed mostly by regulations. Public support needs to be cultivated, particularly of neighbouring villages to keep the outside pressure on check.
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		The only heritage cultural or otherwise is the Sultanpur Jheel which has been revived and is being protected and sustained as a important destination for migratory birds.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	17.5	57%
2.	Planning	9	10	90	47.5	
3.	Inputs	05	10	50	35.0	
4.	Process	05	10	50	22.5	
5.	Outputs	04	10	40	25.0	
6.	Outcomes	06	10	60	35.0	
Total		33		320	182.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sultanpur National Park (Haryana)

28. Sunebeda Wildlife Sanctuary (Orissa)

Sunebeda Wildlife Sanctuary (Orissa)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		The values have been identified in the management plan, but not systematically monitored.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		The threats are identified in the management plan but not systematically assessed.
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		The site has considerable human or biotic interference especially from included population.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		Core of buffer zones have been identified, but detailed sub zones within buffer not yet properly worked out.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		The site has a comprehensive (6 volumes) management plan prepared on scientific guidelines, but not yet formally approved.
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		Current plan expires at the end of 2006-07. Exercise for revision of the management plan has already started.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		While the forests of flora are adequately protected, but it cannot be said that all found resources are fully protected.
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		The stake holders participation is there on issues like census. Eco-development program of awareness development
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Major items of habitat restoration programmes are detailed in the management plan of works are under taken accordingly subject to fund availability.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good	✓	
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	✓	Planning for re-introduction of Barasingha was early done, but no effort taken to carry out the same
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		The site has a comprehensive protection strategy but outcome is eclipsed by limited staff.
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		Human wildlife conflict in terms of crop damage by wildlife is there from wild boar, bears and monkeys.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The site is a part of national biogeographic network currently, a proposal to create a tiger reserve by expanding the sanctuary in the south to include part of Khariar Forest Division is pending with Govt. of India.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good	✓	
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		The number of staff though very limited are explicitly working towards management objectives.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Existing resources are well organized but these are inadequate compared to the requirements.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Limited resources available are allocated to priority actions of some funds are released in time.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		NGO's contribution is limited to voluntary participation in census and public awareness programmes.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	For an area of 600 sq km 51 staff and noly about 30-40 lakhs of regular development expenditure is too inadequate
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	The site has no trained manpower in wildlife management.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Most of limited staff are deployed for achieving the management objectives.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Systematic approach is there for involving local people in eco-development works public awareness programmes and voluntary support for fire protection and information gathering.
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Complaints are entertained but not logged to ensure timely of effective redressed.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Few Livelihood issues are addressed to some extent through limited eco-development works. Complaints from local villagers for loss of livelihood for establishment of sanctuary are there.
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Only a general leaflet with basic information of the sanctuary is publicly available.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Limited visitors services and facilities available. Interpretation centers are primitive in nature of materials and display, through some of the buildings are good.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Reporting systems on major issues are there, but these are not done in systematic manner evaluation of programmes are abhor.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Recently systematic inventory of works are being carried out, but funds are inadequate for proper maintenance and upkeep.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		Even though census figures shows increase of wildlife for most of the spp, absences of sighting of spp by team members and reports of local people, do not reveal that the position is that happy.
Some threatened/ endangered species populations increasing, most others stable.	Fair	✓	
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Situation is reasonably good for flora, but it cannot be conclusively stated that faunal position is also equally good.
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good	✓	
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Threats to the site are minimized in general through enforcement and public participation.
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good	✓	
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Expectations of visitors are met with respect to landscape and floral conservation, but it hardly meets the expectations with respect to wild animals.
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Sunebeda Wildlife Sanctuary (Orissa)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		People who have been involved in eco-development and public awareness programmes are generally supportive to protected areas management.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

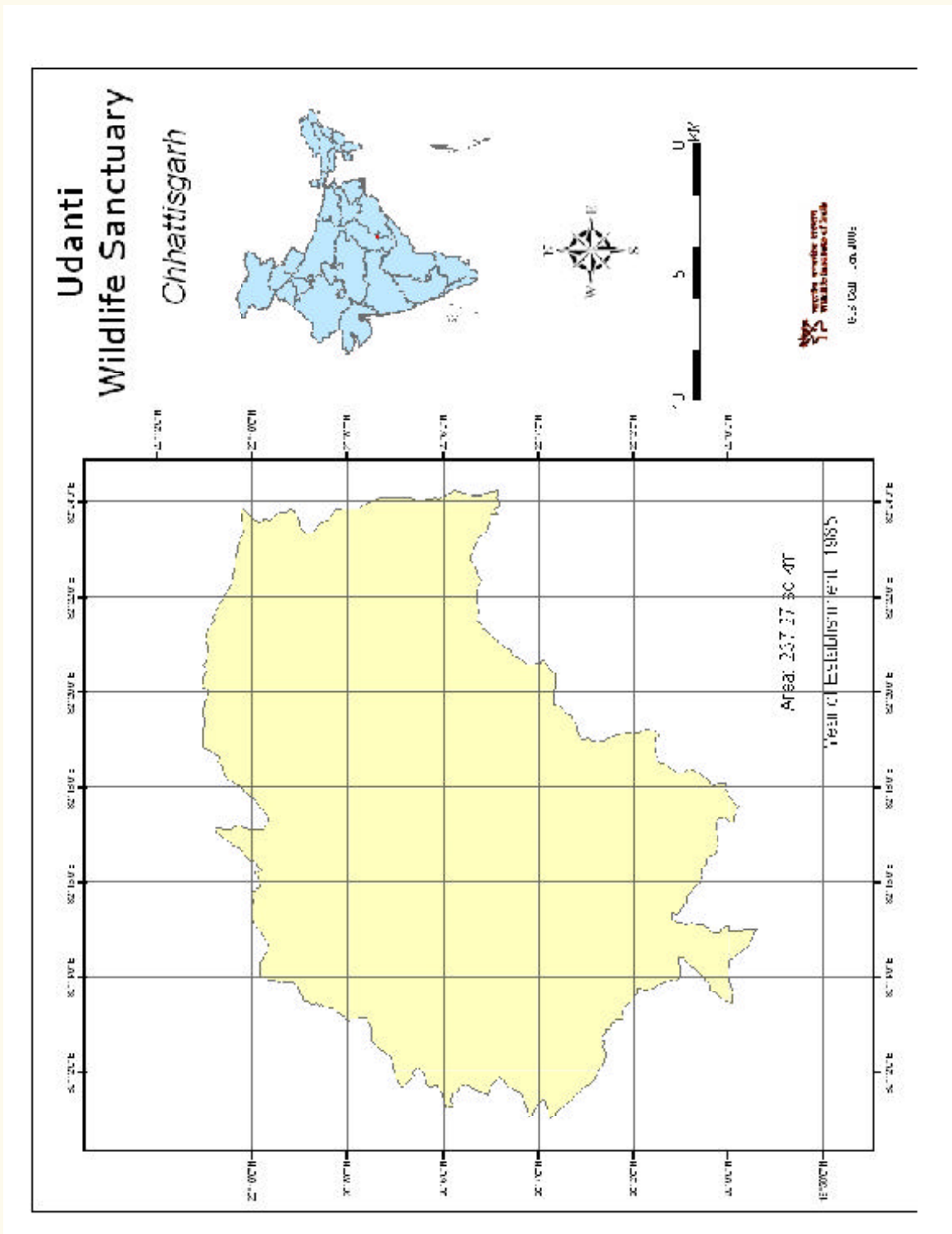
Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Through no planned effort is there for preservation of cultural heritage, the general protection offered to the area has salutary effects in redressing the deterioration of assets.
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good	✓	
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	15	58%
2.	Planning	9	10	100	65	
3.	Inputs	05	10	50	25	
4.	Process	05	10	50	27.5	
5.	Outputs	04	10	40	22.5	
6.	Outcomes	06	10	60	37.5	
Total		32		330	192.5	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

29. Udanti Wildlife Sanctuary (Chhattisgarh)



Udanti Wildlife Sanctuary (Chhattisgarh)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		Values identified but not systematically assessed and monitored.
Values generally identified but not systematically assessed and monitored.	Fair	✓	
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		Threats generally identified but not systematically assessed mapped.
Threats generally identified but not systematically assessed.	Fair	✓	
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		There are some biotic pressures from people staying inside the sanctuary.
The site has some human and biotic interference.	Fair	✓	
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		The Sanctuary does not have any zonation, but 5 km of buffer zone is there around the sanctuary.
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good	✓	
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		Management plan covers the period 2000-01 to 2009-10 and approved. It is however not comprehensive.
Management Plan exist but not comprehensive.	Fair	✓	
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		The present Management Plan is operational and would be revised after expiry.
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good	✓	
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 *Does the site safeguards the threatened biodiversity values?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		Most of the animal spp. are on decline, but the plan spp. are largely safeguarded.
Sites safeguards a few threatened biodiversity values.	Fair	✓	
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		Stakeholders participation is limited to some areas and only on some aspects.
Stakeholders participate in some planning.	Fair	✓	
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		Limited planning at monitoring for habitat restoration programme.
Limited planning and monitoring programmes are in place for habitat restoration.	Fair	✓	
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor	✓	No re-introduction programme is in place.
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		Protection strategy is general in nature and limited due less staff, non-availability of arms and communications.
Site has an adhoc protection strategy.	Fair	✓	
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		In spite of less human-wildlife conflict, it is landing into some killings of wildlife every year.
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		The area long with sitanandi is proposed to be covered by a new tiger reserve.
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good	✓	

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		Limited staff work with limited resources, duties not linked to management objectives.
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		Resources allocated to PA management but not prioritized as per management objectives.
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair	✓	
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		Resource allocation is fluctuating and not always released in time.
Some specific allocation for management of priority action and some funds released in time.	Fair	✓	
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		Global Tiger patrol has provided two Gypsy, one is used by DFO and the other by the ACF. WTI is providing research support for wild buffalo.
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		State Government have provided resources for conservation of wildlife and also fund of 12 th Finance Commission.
Resources sufficient for some tasks.	Fair	✓	
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	Only one Forest Guard is wildlife trained.
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		Atleast Staff's performance is linked to management objective of PA.
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good	✓	
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		Public participation is limited in some areas and with respect to some aspects only.
Opportunistic public participation in some aspects of PA management.	Fair	✓	
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		Complaints are entertained but follow-up is limited and not systematic.
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair	✓	
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		Community based tourism takes care of some aspects of livelihood, so also the leaf and cup/plate stitching and sale of local people (FPCLs).
Few livelihood issues are addressed by PA management.	Fair	✓	
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		Publicly available document is generalized in nature and not liked to management accountability or public assets.
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		Visitors facilities are limited and Interpretation Centres not properly organized.
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair	✓	
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		Annual report contains 19 stems, which are reported upon each year, but systematic evaluation of stems are not done.
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		Maintenance schedule is prescribed under Management Plan of the Sanctuary. Fluctuating fund flow however creates impediments for works.
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor	✓	Most of the species are declining and some have researched critical stage.
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		Plant communities are generally stable and may sustain themselves, but status of wild animals are not at all happy.
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		Only some threats to site have been abated.
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		Expectations met in terms of landscapes and vegetation but not in terms of wild animals.
Expectations of many visitors are met.	Fair	✓	
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		Key neighbours and communities are supportive to conservation.
Key neighbours/communities are supportive.	Fair	✓	
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		Values of cultural heritage sites know but no managerial intervention for their protection, but general protection helps in its conservation.
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

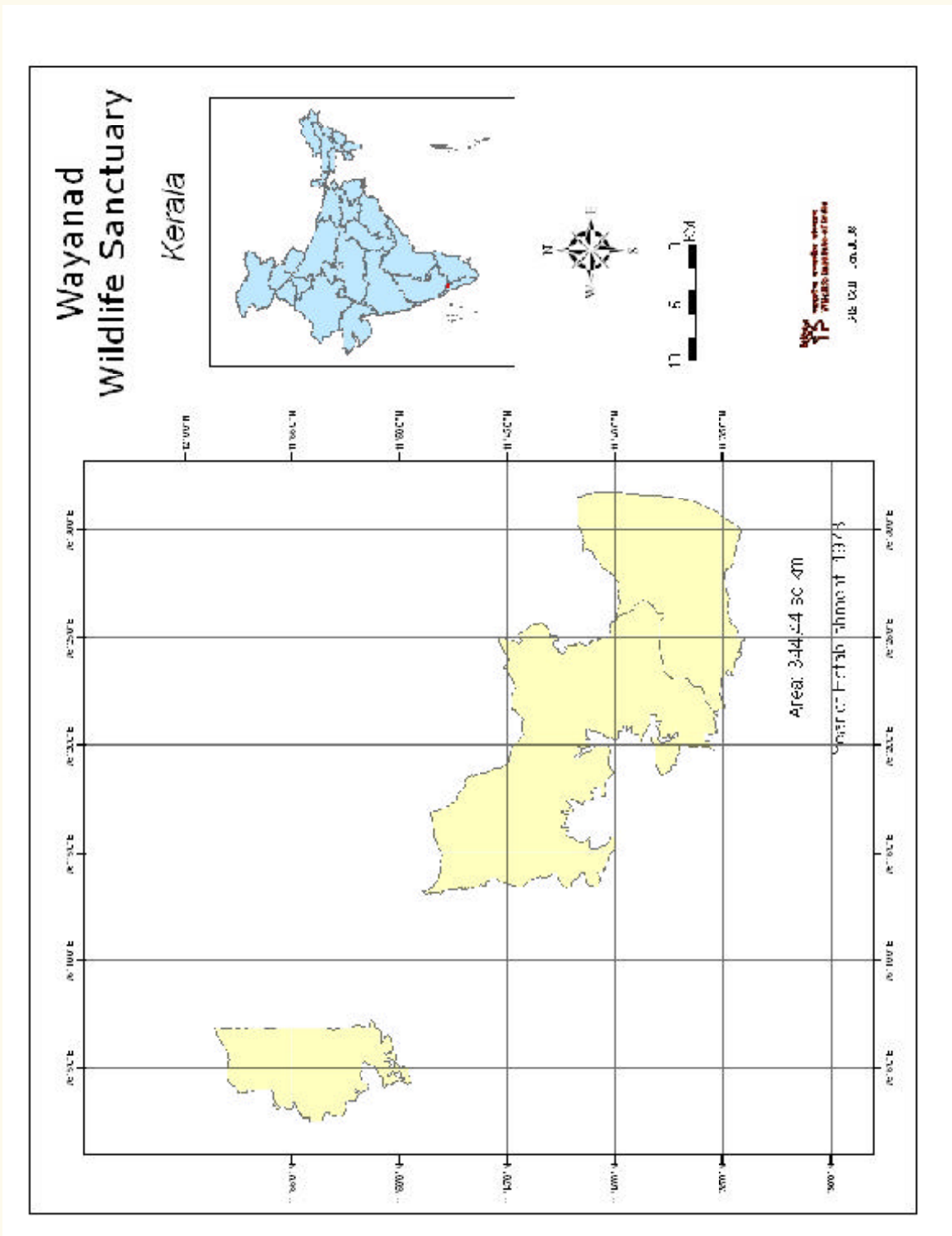
MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	15	52%
2.	Planning	10	10	100	57.5	
3.	Inputs	05	10	50	25.0	
4.	Process	05	10	50	25.0	
5.	Outputs	04	10	40	22.5	
6.	Outcomes	06	10	60	27.5	
Total		33		330	172.50	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Udanti Wildlife Sanctuary (Chhattisgarh)

30. Wayanad Wildlife Sanctuary (Kerala)



Wayanad Wildlife Sanctuary (Kerala)

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good	✓	

1.2 Are the threats to site values well documented and assessed?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good	✓	

1.3 Is the site free from human and biotic interference?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor	✓	
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2. Planning

2.1 *Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good	✓	

2.2 *Does the site have a comprehensive Management Plan?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good	✓	
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 *Is the Management Plan routinely and systematically updated?*

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.4 Does the site safeguards the threatened biodiversity values?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good	✓	
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good	✓	
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor	✓	
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

2.7 Are reintroduction programmes systematically planned and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good	✓	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Wayanad Wildlife Sanctuary (Kerala)

2.8 Does the site has an effective protection strategy?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good	✓	
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair	✓	
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair	✓	
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Wayanad Wildlife Sanctuary (Kerala)

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good	✓	
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor	✓	
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair	✓	
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Wayanad Wildlife Sanctuary (Kerala)

3.5 Does PA manager considers resources (human and financial) to be sufficient?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor	✓	
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor	✓	
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor	✓	
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good	✓	
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Wayanad Wildlife Sanctuary (Kerala)

4.4 Is there a responsive system for handling complaints and comments about PA management?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good	✓	
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good	✓	
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair	✓	
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Wayanad Wildlife Sanctuary (Kerala)

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor	✓	
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair	✓	
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good	✓	
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good	✓	
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair	✓	
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair	✓	
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor	✓	
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor	✓	
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

Assessment criteria			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair	✓	
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30	22.5	59%
2.	Planning	10	10	100	72.5	
3.	Inputs	05	10	50	25.0	
4.	Process	05	10	50	27.5	
5.	Outputs	04	10	40	20.0	
6.	Outcomes	06	10	60	27.5	
Total		33		330	195	

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

Assessment Criteria for Management Effectiveness Evaluation (MEE) of PA Network in India

1. Context

1.1 Are the values of the site well documented, assessed and monitored?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Values not systematically documented, assessed or monitored.	Poor		
Values generally identified but not systematically assessed and monitored.	Fair		
Most values systematically identified and assessed and monitored.	Good		
All values systematically identified and assessed and monitored.	Very good		

1.2 Are the threats to site values well documented and assessed?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Threats not systematically documented or assessed.	Poor		
Threats generally identified but not systematically assessed.	Fair		
Most threats systematically identified and assessed.	Good		
All threats systematically identified and assessed.	Very good		

1.3 Is the site free from human and biotic interference?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
The site has extensive human and biotic interference.	Poor		
The site has some human and biotic interference.	Fair		
The site has little human and biotic interference.	Good		
The site has no human and biotic interference.	Very good		

2. Planning

2.1 Is the site properly identified (NP/WLS) and categorized (in terms of zonation) to achieve the objectives?

Assessment criteria			
Condition	Category*	(Tick ✓)	Remarks
Site not identified correctly or categorized.	Poor		
Site identified correctly but not categorized.	Fair		
Site identified correctly but not systematically categorized.	Good		
Site identified correctly and systematically categorized with proper zonation plans.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.2 Does the site have a comprehensive Management Plan?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No relevant Management Plan in place.	Poor		
Management Plan exist but not comprehensive.	Fair		
Site has a comprehensive Management Plan.	Good		
Site has a comprehensive, science based Management Plan prepared through a participatory process.	Very good		

2.3 Is the Management Plan routinely and systematically updated?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No process in place for systematic review and update of Management Plan.	Poor		
Management Plan sometimes updated in adhoc manner.	Fair		
Management Plan routinely and systematically updated.	Good		
Management Plan routinely, systematically and scientifically updated through a participatory process.	Very good		

2.4 Does the site safeguards the threatened biodiversity values?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Sites does not safeguard the threatened biodiversity values.	Poor		
Sites safeguards a few threatened biodiversity values.	Fair		
Sites safeguards a large number of threatened biodiversity values.	Good		
Sites safeguards all threatened biodiversity values.	Very good		

2.5 Are stakeholders given an opportunity to participate in planning?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little, if any opportunity for stakeholder participation in planning.	Poor		
Stakeholders participate in some planning.	Fair		
Stakeholders participate in most planning processes.	Good		
Stakeholders routinely and systematically participate in all planning processes.	Very good		

2.6 Are habitat restoration programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Habitat restoration programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for habitat restoration.	Fair		
Habitat restoration programmes are generally well planned and monitored.	Good		
Habitat restoration programmes are thoroughly planned and monitored.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

2.7 Are reintroduction programmes systematically planned and monitored?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Reintroduction programmes are entirely adhoc.	Poor		
Limited planning and monitoring programmes are in place for reintroduction programmes.	Fair		
Reintroduction programmes are generally well planned and monitored.	Good		
Reintroduction programmes are thoroughly planned and monitored.	Very good		

2.8 Does the site has an effective protection strategy?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Site has no protection strategy.	Poor		
Site has an adhoc protection strategy.	Fair		
Site has a comprehensive protection strategy but is not very effective.	Good		
Site has a comprehensive and very effective protection strategy.	Very good		

2.9 Has the site been effective in the mitigation of human-wildlife conflicts?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Human-wildlife conflicts are rampant.	Poor		
Site has been able to mitigate few human-wildlife conflicts.	Fair		
Site has been able to mitigate many human-wildlife conflicts.	Good		
Site has been able effective in mitigating all human-wildlife conflicts.	Very good		

2.10 Is the site integrated into a wider ecological network following the principles of the ecosystem approach?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Site not integrated into a wider network/ landscape.	Poor		
Some limited attempts to integrate the site into a network/ landscape.	Fair		
Site is generally quite well integrated into a network/ landscape.	Good		
Site is fully integrated into a wider network/ landscape.	Very good		

3. Inputs

3.1 Are personnel well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, personnel explicitly allocated for PA management.	Poor		
Some personnel explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some personnel explicitly allocated towards achievement of specific management objectives.	Good		
Adequate personnel explicitly allocated towards achievement of specific management objectives.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

3.2 Are resources (vehicle, equipment, building etc.) well organised and managed with access to adequate resources?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Few, if any, resources explicitly allocated for PA management.	Poor		
Some resources explicitly allocated for PA management but not systematically linked to management objectives.	Fair		
Some resources explicitly allocated towards achievement of specific management objectives.	Good		
Adequate resources explicitly allocated towards achievement of specific management objectives.	Very good		

3.3 Are resources (human and financial) linked to priority actions and are funds released timely?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resource allocation is adhoc and funds are never released in time.	Poor		
Some specific allocation for management of priority action and some funds released in time.	Fair		
Comprehensive formulae systematically applied to decide most resource allocation and generally funds released in time.	Good		
Comprehensive formulae systematically applied to decide complete allocation of resources for management and on-time release of funds.	Very good		

3.4 What level of resources is provided by NGOs?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
NGOs contribute nothing for the management of the site.	Poor		
NGOs make some contribution to management of the site but opportunities for collaboration are not systematically explored.	Fair		
NGOs contributions are systematically sought and negotiated for the management of some site level activities.	Good		
NGOs contributions are systematically sought and negotiated for the management of many site level activities.	Very good		

***3.5 Does PA manager considers resources (human and financial) to be sufficient?**

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Resources insufficient for most tasks.	Poor		
Resources sufficient for some tasks.	Fair		
Resources sufficient for most tasks.	Good		
Resources are in excess for most tasks.	Very good		

Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4. Process

4.1 Does the site have trained manpower resources for effective PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Very few trained officers and frontline staff in the site.	Poor		
Few trained officers and frontline staff, who are posted in the site.	Fair		
A large number of trained officers and frontline staff are posted in the site.	Good		
All trained managers and frontline staff posted in the site.	Very good		

4.2 Is PA staff performance management linked to achievement of management objectives?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No linkage between staff performance management and management objectives.	Poor		
Some linkage between staff performance management and management objectives, but not consistently or systematically assessed.	Fair		
Performance management for most staff is directly linked to achievement of relevant management objectives.	Good		
Performance management of all staff is directly linked to achievement of relevant management objectives.	Very good		

4.3 Is there effective public participation in PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no public participation in PA management.	Poor		
Opportunistic public participation in some aspects of PA management.	Fair		
Systematic public participation in most aspects of PA management.	Good		
Comprehensive and systematic public participation in all important aspects of PA management.	Very good		

4.4 Is there a responsive system for handling complaints and comments about PA management?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic approach to handling complaints.	Poor		
Complaints handling system operational but not responsive to individual issues and limited follow up provided.	Fair		
Coordinated system logs and responds effectively to most complaints.	Good		
All complaints systematically logged in coordinated system and timely response provided with minimal repeat complaints.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

4.5 Does PA management addresses the livelihood issues of resource dependent communities especially women?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No livelihood issues are addressed by PA management.	Poor		
Few livelihood issues are addressed by PA management.	Fair		
Substantial livelihood issues are addressed by PA management.	Good		
Livelihood issues of resource dependent communities especially women are addressed effectively by PA managers.	Very good		

5. Output

5.1 Is adequate information on PA management publicly available?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no information on PA management publicly available.	Poor		
Publicly available information is general and has limited relevance to management accountability and the condition of public assets.	Fair		
Publicly available information provides detailed insight into major management issues for most PAs or groups of PAs.	Good		
Comprehensive reports are routinely provided on management and condition of public assets in all PAs or groups of PAs.	Very good		

5.2 Are visitor services (tourism and interpretation) and facilities appropriate for the relevant protected area category?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Visitor services and facilities are at odds with relevant PA category and/or threaten PA values.	Poor		
Visitor services and facilities generally accord with relevant PA category and don't threaten PA values.	Fair		
All visitor services and facilities accord with relevant PA category and most enhance PA values.	Good		
All visitor services and facilities accord with relevant PA category and enhance PA values.	Very good		

5.3 Are management related trends systematically evaluated and routinely reported?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Little or no systematic evaluation or routine reporting of management related trends.	Poor		
Some evaluation and reporting undertaken but neither systematic nor routine.	Fair		
Systematic evaluation and routine reporting of management related trends undertaken.	Good		
Systematic evaluation and comprehensive reporting of management related trends undertaken.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

5.4 Is there a systematic maintenance schedule and funds in place for management of infrastructure/assets?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
No systematic inventory or maintenance schedule.	Poor		
Inventory maintenance is adhoc and so is the maintenance schedule.	Fair		
Systematic inventory provides the basis for maintenance schedule but funds are inadequately made available.	Good		
Systematic inventory provides the basis for maintenance schedule and adequate funds are made available.	Very good		

6. Outcomes

6.1 Are threatened/ endangered species populations stable or increasing?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threatened/ endangered species populations declining.	Poor		
Some threatened/ endangered species populations increasing, most others stable.	Fair		
Most threatened/ endangered species populations increasing, most others stable.	Good		
All threatened/ endangered species populations either increasing or stable.	Very good		

6.2 Are biological communities at a mix of ages and spacings that will support native biodiversity?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Biological communities unlikely to be able to sustain native biodiversity.	Poor		
Some biological communities likely to be able to sustain native biodiversity.	Fair		
Most biological communities likely to be able to sustain native biodiversity.	Good		
All biological communities likely to be able to sustain native biodiversity.	Very good		

6.3 Have the threats to the site being abated/ minimized?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Threats to the site have not abated but have enhanced.	Poor		
Some threats to the site have been abated.	Fair		
Most threats to the site have been abated.	Good		
All threats to the site have been abated.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.4 Are the expectations of visitors generally met or exceeded?

<i>Assessment criteria</i>			
Condition	Category*	(Tick ✓)	Remarks
Expectations of visitors generally not met.	Poor		
Expectations of many visitors are met.	Fair		
Expectations of most visitors are met.	Good		
Good expectations of most visitors are met.	Very good		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10

6.5 Are neighbours and adjacent communities supportive of PA management?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Neighbours/adjacent communities are hostile.	Poor		
Key neighbours/communities are supportive.	Fair		
Most neighbours/communities are supportive of PA management.	Good		
All neighbours and communities supportive of PA management.	Very good		

6.6 Are cultural heritage assets protected?

<i>Assessment criteria</i>			
Condition	Category	(Tick ✓)	Remarks
Little or no management undertaken, or despite management efforts, deterioration of cultural heritage assets continues, or values are unknown.	Poor		
Some management activity, but deterioration continues.	Fair		
Planned approach to management underway and deterioration of assets is being redressed.	Good		
Planned approach to management underway and deterioration of assets is being significantly redressed.	Very good		

MEE Score Card

Framework Element Number	Framework Element Name	Number of Questions (a)	Maximum Mark per question (b)	Total (a x b)	Marks obtained for the Element	Overall Score
1.	Context	03	10	30		
2.	Planning	10	10	100		
3.	Inputs	05	10	50		
4.	Process	05	10	50		
5.	Outputs	04	10	40		
6.	Outcomes	06	10	60		
Total		33		330		

*Score: Poor: 2.5; Fair: 5; Good: 7.5; Very Good: 10