

Chitwan National Park

1. World Heritage Property Data

1.1 - Name of World Heritage property

Chitwan National Park

1.2 - World Heritage property details


1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Chitwan National Park	27.5 / 84.333	93200	0	93200	1984
Total (ha)		93200	0	93200	

Comment

The Previous area of Park and Buffer Zone were 932 Square Km (93200 Ha.) and 750 Square Km (75000 Ha) respectively. The areas of Buffer zone is merged to park area 932 Square Km. converted into 952.63 Square Km (95263 Ha) and 750 Square Km. was converted into 729.37 Square Km (72937 Ha) in 2016 to give importance of Biodiversity Conservation and it is also valued for Tiger habitat.

1.4 - Map(s)

Title	Date	Link to source
Chitawan District	1983	

1.5 - Web and Social Media data of the property (if applicable)

1. [Natural site datasheet from WCMC](#)

Comment

Government of Nepal - www.dnpwc.gov.np; chitwannationalpark.gov.np

2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))	×	
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		×
2.1.5	Global Geoparks Network UNESCO Global Geoparks		×

2.2 - Please provide comments on 2.1 if necessary

Only the certain part of buffer zone area (beeshazari and associated lakes) of the park is designated as Ramsar site.

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

No

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

No

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	✕
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

Recently, DNPWC signed sister Park Agreement amongst Sagarmatha National Park, Lamtang National Park, Chitwan National Park and Yosemite National Park on April 13, 2016 to share and exchange the experiences in research, monitoring and capacity building within sister park members.

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

No comment

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World

Programme of which you are aware.

No Comment

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief synthesis

Nestled at the foot of the Himalayas, Chitwan has a particularly rich flora and fauna and is home to one of the last populations of single-horned Asiatic rhinoceros and is also one of the last refuges of the Bengal Tiger. Chitwan National Park (CNP), established in 1973, was Nepal's first National Park. Located in the Southern Central Terai of Nepal, it formerly extended over the foothills, the property covers an area of 93,200 hectares, extends over four districts: Chitwan, Nawalparasi, Parsa and Makwanpur.

The park is the last surviving example of the natural ecosystems of the 'Terai' region and covers subtropical lowland, wedged between two east-west river valleys at the base of the Siwalik range of the outer Himalayas. The core area lies between the Narayani (Gandak) and Rapti rivers to the north and the Reu River and Nepal-India international border in the south, over the Sumeswar and Churia hills, and from the Dawney hills west of the Narayani, and borders with Parsa Wildlife Reserve to the east. In 1996, an area of 75,000 hectares consisting of forests and private lands and surrounding the park was declared as a buffer zone. In 2003, Beeshazar and associated lakes within the buffer zone were designated as a wetland of international importance under the Ramsar Convention.

Criteria (vii): The spectacular landscape, covered with lush vegetation and the Himalayas as the backdrop makes the park an area of exceptional natural beauty. The forested hills and changing river landscapes serve to make Chitwan one of the most stunning and attractive parts of Nepal's lowlands. Situated in a river valley basin and characterized by steep cliffs on the south-facing slopes and a mosaic of riverine forest and grasslands along the river banks of the natural landscape makes the property amongst the most visited tourist destination of its kind in the region. The property includes the Narayani (Gandaki) river, the third-largest river in Nepal which originates in the high Himalayas and drains into the Bay of Bengal providing dramatic river views and scenery as well as the river terraces composed of layers of boulders and gravels.

The property includes two famous religious areas: Bikram Baba at Kasara and Balmiki Ashram in Tribeni, pilgrimage places for Hindus from nearby areas and India. This is also the land of the indigenous Tharu community who have inhabited the area for centuries and are well known for their unique cultural practices.

Criteria (ix): Constituting the largest and least disturbed example of sal forest and associated communities, Chitwan National Park is an outstanding example of biological evolution with a unique assemblage of native flora and fauna from the Siwalik and inner Terai ecosystems. The property includes the fragile Siwalik-hill ecosystem, covering some of the youngest examples of this as well as alluvial flood plains, representing examples of ongoing geological processes. The property is the last major surviving example of the natural ecosystems of the Terai and has witnessed minimal human impacts from the traditional resource dependency of people, particularly the aboriginal Tharu community living in and around the park.

Criteria (x): The combination of alluvial flood plains and riverine forest provides an excellent habitat for the Great One-horned Rhinoceros and the property is home for the second largest population of this species in the world. It is also prime habitat for the Bengal Tiger and supports a viable source population of this endangered species. Exceptionally high in species diversity, the park harbours 31% of mammals, 61% of birds, 34% of amphibians and reptiles, and 65% of fishes recorded in Nepal. Additionally, the park is famous for having one of the highest concentrations of birds in the world (over 350 species) and is recognized as one of the worlds' biodiversity hotspots as designated by Conservation International and falls amongst WWFs' 200 Global Eco-regions.

Integrity

The property adequately incorporates the representative biodiversity of the central Terai-Siwalik ecosystem and in conjunction with the adjacent Parsa Wildlife Reserve constitutes the largest and least disturbed example of sal forest and associated communities of the Terai. The park also protects the catchment of the river system within the park and the major ecosystems included are Siwalik, sub-tropical deciduous forest, riverine and grassland ecosystems. The Park boundary is well defined. The ecological integrity of the park is further enhanced by the adjoining Parsa Wildlife Reserve to its eastern boundary and the designation of a buffer zone around the Park that is not part of the inscribed World Heritage Site but provides additional protection and important habitats.

The World Heritage values of the Park have been enhanced as the population of Greater One-horned Rhinoceros and Bengal Tiger have increased (Rhinoceros - around 300 in the 1980s to 503 in 2011 and Tigers 40 breeding adults in the 1980s to 125 breeding adults in 2010). While no major changes in the natural ecosystem have been observed in the recent years the grasslands and riverine habitats of the park have been encroached by invasive species such as *Mikania macrantha*.

Poaching of endangered one horned rhinoceros for illegal trade of its horn is one pressing threat faced by the park authority, despite the tremendous efforts towards Park Protection. Illegal trade in tiger parts and timber theft are also threats with the potential to impact on the integrity of the property. The traditional dependency of local people on forest resources is well controlled and has not been seen to impact negatively on the property. Human-wildlife conflict remains an important issue and threat that has been addressed through compensation schemes and other activities as part of the implementation of the buffer zone program.

Protection and management requirements

Chitwan National Park has a long history of protection dating back to the early 1800s. It has been designated and legally protected under the National Parks and Wildlife Conservation Act, 1973. The Nepalese Army has been deployed for park protection since 1975. In addition, Chitwan National Park Regulation, 1974 and Buffer Zone Management Regulation, 1996 adequately ensure the protection of natural resources and people's participation in conservation as well as socio-economic benefits to people living in the buffer zone. This makes Chitwan National Park an outstanding example of Government-Community partnership in biodiversity conservation.

The management of the property is of a high standard and the Government of Nepal has demonstrated that it recognizes the value of the park by investing significant resources in its management. Management activities have been guided by the Management Plan, which should undergo regular updating and revision to ensure key management issues are being addressed sufficiently. The first five year Management Plan (1975-1979) for CNP was prepared in 1974 with an updated plan for 2001-2005 expanded to include CNP and its Buffer Zone along with the provision of three management zones. A subsequent plan covering 2006-2011 covers the Park and the Buffer Zone and streamlines the conservation and management of the property. The maintenance of the long-term integrity of the park will be ensured through continuation of the existing protection strategy with need-based enhancement as well as maintaining intact wildlife habitat through science-based management. Effective implementation of the buffer zone program will continue to address the issues regarding human-wildlife conflicts.

The aquatic ecosystem of the park has been threatened by pollution from point and non-point sources including developments in close proximity to Narayani River. This pollution needs to be controlled with the coordinated efforts of all the stakeholders. The need to maintain the delicate balance between conservation and the basic requirements of people living around the park remains a main concern of the management authority. The need to address issues related to regulation of increasing traffic volume at Kasara bridge, construction of a bridge at Reu River and the underground electricity transmission line for the people living in Madi valley are also concerns.

High visitation and the maintenance of adequate facilities remain an ongoing management issue. As one of the most popular tourist sites in Nepal, due to the ease of wildlife viewing and spectacular scenery and the economic benefit of this is significant. Facilities are a model of appropriate park accommodation with efforts

continuing to ensure this is maintained. Poaching of wildlife and vegetation remains an important issue and the most significant threat too many of the species and populations harboured within the park. Ongoing efforts to tackle this problem are required despite already significant attempts to enforce regulations and prevent poaching.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Spectacular landscape with the snow covered himalayas in the background has enhanced the natural beauty of the park.	✕			
3.2.2	The Park provides habitat for globally threatened species, notably, the Greater One-horned Rhinoceros, Royal Bengal Tiger and Gharial Crocodile	✕			
3.2.3	The Park has the fame as one of the highest concentrations of the birds (541 species) in the World	✕			
3.2.4	The Park is the first National Park designated as CA/Ts Assured in 2015	✕			
3.2.5	CNP is an outstanding example of a unique assemblage of native flora and fauna of the Siwalik and inner Terai ecosystem;	✕			
3.2.6	Bikram Baba at Kasara, Valmiki Ashram in Tribeni and Panch Pandav at Madi are the most famous pilgrimage places of religious values for Hindus of nearby areas of India as well	✕			
3.2.7	CNP is also the land of indigenous Tharu community who have been living in the area for centuries despite the epidemic of malaria in the past	✕			
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

No comment

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕		✕			📈

4.1.2 - Commercial development

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕		✕			📈

4.1.3 - Industrial areas

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕		✕			↗

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕		✕			↗

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive ✕	✕		✕	✕		→	
Negative							

4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

The above factors selected relevant are affecting the property indirectly. In the buffer zone and peripheral region of the park construction of buildings for tourism facilities and communal facilities is increasing after the change in the governance system of Nepal.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕	✕	✕	✕	✕			↗

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

Relevant	✕ Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

No comment

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕			→	

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Potential, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive ✕		✕	✕			→	
🔴 Negative							

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside















✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕		✕	✕	✕		→	

4.3.5 - Major linear utilities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

Most of the above factors are creating habitat fragmentation mostly in the buffer zone area of the park. Some of the roads are proposed to be aligned through the core area as well however, DNPWC is strongly protesting against them by not approving the EIA reports as they have high potentiality to degrade the Outstanding Universal Values of the property.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (04/07/2011):





- Not relevant

Relevant	 Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (04/07/2011):











- Relevant, Negative, Current, Outside

 Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.4.3 - Surface water pollution

Previous answer Cycle 2 (04/07/2011):





- Relevant, Negative, Current, Outside

 Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.4.4 - Air pollution

Previous answer Cycle 2 (04/07/2011):



- Relevant, Negative, Potential, Outside

 Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.4.5 - Solid waste

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Outside

 Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.4.6 - Input of excess energy

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

Outside the park area there are chunk of agricultural lands that has been commercially farmed with intensive use of insecticides and fertilizers. The agricultural runoff are mixed to the streams which later join the rivers that pass through the property. Yet present there are no any critical evidences of such pollution however, they could affect wildlife in the future.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕	✕			↗

4.5.2 - Aquaculture

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.3 - Land conversion

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕			↗

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕	✕		→	

4.5.5 - Crop production

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕		✕		✕			↗

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕				↗

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕				↗

4.5.8 - Commercial hunting

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.9 - Subsistence hunting

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕		✕		✕		→	

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Potential, Inside, Outside

Relevant	✕ Not relevant
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4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

Indigenous people live in close proximity of the park whose economic well being is very low. Most often they are catalyzed by the higher ranked poachers in nominal cost to show the most prominent habitat of wild animals.

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (04/07/2011):

- Not relevant














Relevant	✕ Not relevant
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4.6.2 - Quarrying

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Outside


✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.6.3 - Oil and gas

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	 Not relevant
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4.6.4 - Water (extraction)

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	 Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

After federalism, the managerial aspect of buffer zone is under conflict and local government is overwhelmingly approaching to get use and management authority of the buffer zone. Also, in and around the churia region there is great attraction of contractors for mining of sand, gravels and stones.














4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Inside

 Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.2 - Relative humidity

Previous answer Cycle 2 (04/07/2011):

- Not relevant









Relevant	 Not relevant
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4.7.3 - Temperature

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside


 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.4 - Radiation/Light

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

Relevant	 Not relevant
----------	--

4.7.5 - Dust

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing

Positive							
Negative							

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	Not relevant
----------	--------------

4.7.7 - Pests

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.7.8 - Micro-organisms

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	Not relevant
----------	--------------

4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

Environmental or local factors are however important to save the property if this is in tolerable limits. Otherwise it will affect negatively. For example more rainfall result the flood. Flood of different past years caused the soil erosion. More hectares of forest land converted into the river bed. Likewise flood swept the rhinos and other wildlife from eastern part of CNP to west, and Some of them across to the border of India. Because of bilateral relations there were taken back to CNP again. eg

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Inside, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing

Positive							
Negative							

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

No Comment

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Outside

Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	Not relevant
----------	--------------

4.9.3 - Military training

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕			✕		→	
➖ Negative							

4.9.4 - War

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.5 - Terrorism

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.6 - Civil unrest

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

No comment

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕	✕	✕		→	

4.10.2 - Flooding

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕		✕	✕		→	

4.10.3 - Drought

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕		✕	✕	✕		→	

4.10.4 - Desertification

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside

Relevant	✕ Not relevant
----------	----------------

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.10.6 - Temperature change

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕		✕	Negative ✕	✕		→	

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside, Outside

Relevant	✕ Not relevant
----------	----------------

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

No comment

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.11.2 - Earthquake

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕	Negative ✕	✕		→	

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Potential, Inside

Relevant	✕ Not relevant
----------	----------------

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕		✕			↗

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕			↗

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

No comment

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕	✕	↘		

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕		→	

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Current, Inside

Relevant	✕ Not relevant
----------	----------------

4.12.6 - Modified genetic material

Previous answer Cycle 2 (04/07/2011):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

Among all of the above relevant factors flooding is more serious along the Narayani flood plains. It is destructing the rhino habitat in one hand and many other fauna including Rhino calves are swept up by flood almost every year.

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
➕ Positive ✕	✕		✕	✕			📈
➖ Negative							

4.13.2 - Legal framework

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
➕ Positive ✕	✕		✕	✕			📈
➖ Negative							

4.13.3 - Governance

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
➕ Positive ✕	✕		✕	✕		➡	
➖ Negative							

4.13.4 - Management activities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
➕ Positive ✕	✕		✕	✕			📈
➖ Negative							










4.13.5 - Financial resources

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
➕ Positive ✕	✕		✕	✕		➡	
➖ Negative							

4.13.6 - Human resources

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕		→	
 Negative							

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕			↗
 Negative							

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (04/07/2011):

- Relevant, Negative, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕		✕	✕	✕		→	
 Negative							

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

Management plan has been a critical tool to make regularity in work for 5 years. Conservation has been became a priority program from policy level to the implementing level. Several committees formed in co-ordination with Prime Minister and Ministers are active to govern the conservation, management and control of illegal activities inside and outside the protected areas. Donors are providing financial and technical assistance to enhance conservation interventions.














4.14. Other factor(s)

4.14.1 - Other factor(s)

Legal factors Acts, rules and regulations regarding wildlife conservation and management are comparatively more strict and straightforward. They are also well enforced by all concerned authorities. As a result there is decrease in wildlife crimes and improvement in the habitat and population of fauna prioritized from conservation point of view.

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin	Trend
4.1 Buildings and Development					
4.1.1 Housing					
					
4.1.2 Commercial development					
					
4.1.3 Industrial areas					
					
4.1.4 Major visitor accommodation and associated infrastructure					
					
4.1.5 Interpretative and visitation facilities					
					
4.2 Transportation Infrastructure					
4.2.1 Ground transport infrastructure					

4.3 Services Infrastructures						
4.3.1 Water infrastructure						
4.3.2 Renewable energy facilities						
4.3.4 Localised utilities						
4.3.5 Major linear utilities						
4.4 Pollution						
4.4.2 Ground water pollution						
4.4.3 Surface water pollution						
4.4.4 Air pollution						
4.4.5 Solid waste						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
4.5.3 Land conversion						
4.5.4 Livestock farming/Grazing of domesticated animals						
4.5.5 Crop production						
4.5.6 Commercial wild plant collection						
4.5.7 Subsistence wild plant collection						
4.5.9 Subsistence hunting						
4.6 Physical resource extraction						
4.6.2 Quarrying						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
4.7.3 Temperature						
4.7.5 Dust						









4.7.7 Pests						
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses						
4.8.2 Society's valuing of heritage						
4.8.3 Indigenous hunting, gathering and collecting						
4.8.4 Changes in traditional ways of life and knowledge system						
4.8.5 Identity, social cohesion, changes in local population and community						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						
4.9.3 Military training						
4.10 Climate change and severe weather events						
4.10.1 Storms						
4.10.2 Flooding						
4.10.3 Drought						
4.10.6 Temperature change						
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
4.11.5 Erosion and siltation/Deposition						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
4.12.3 Invasive/Alien freshwater species						
4.13 Management and institutional factors						

4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
Legend	Current	Potential	Negative	Positive	Inside	Outside

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name		Impact			Origin		Trend
4.1.1 Housing							
							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						

✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.1.2 Commercial development						





Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
✖	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
✖	Insignificant
	Minor
	Significant
	Major




Management response - Capacity of management to respond	
✖	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.1.3 Industrial areas						
						






Spatial scale - Area affected by the factor	
	Restricted
✕	Localised

	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.1.4 Major visitor accommodation and associated infrastructure						
						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.1.5 Interpretative and visitation facilities	 	 	

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread





Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	  	 	

Spatial scale - Area affected by the factor	
	Restricted




✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.3 Services Infrastructures

Name	Impact			Origin		Trend
4.3.1 Water infrastructure						
	⊖	🚩	🚩	🕒		➡

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing






Name	Impact	Origin	Trend
4.3.2 Renewable energy facilities	 		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input checked="" type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going





Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.3.4 Localised utilities	 	 	

Spatial scale - Area affected by the factor	
---	--

✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.3.5 Major linear utilities						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

4.4 Pollution

Name	Impact	Origin	Trend
4.4.2 Ground water pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input checked="" type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing




Name	Impact	Origin	Trend
4.4.3 Surface water pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
<input type="checkbox"/>	Localised						
<input type="checkbox"/>	Extensive						
<input type="checkbox"/>	Widespread						
Temporal scale - Occurrence of the impact							
<input checked="" type="checkbox"/>	One off or rare						
<input type="checkbox"/>	Intermittent or sporadic						
<input type="checkbox"/>	Frequent						
<input type="checkbox"/>	On-going						
Impact - Impact on the attributes							
<input checked="" type="checkbox"/>	Insignificant						
<input type="checkbox"/>	Minor						
<input type="checkbox"/>	Significant						
<input type="checkbox"/>	Major						
Management response - Capacity of management to respond							
<input type="checkbox"/>	High capacity						
<input type="checkbox"/>	Medium capacity						
<input checked="" type="checkbox"/>	Low capacity						
<input type="checkbox"/>	No capacity and / or resources						
Trend - Development over the last 6 years							
<input type="checkbox"/>	Decreasing						
<input checked="" type="checkbox"/>	Static						
<input type="checkbox"/>	Increasing						

Name	Impact			Origin		Trend
4.4.4 Air pollution						

Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
<input type="checkbox"/>	Localised						
<input type="checkbox"/>	Extensive						
<input type="checkbox"/>	Widespread						
Temporal scale - Occurrence of the impact							
<input checked="" type="checkbox"/>	One off or rare						
<input type="checkbox"/>	Intermittent or sporadic						
<input type="checkbox"/>	Frequent						
<input type="checkbox"/>	On-going						
Impact - Impact on the attributes							
<input checked="" type="checkbox"/>	Insignificant						
<input type="checkbox"/>	Minor						

	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.4.5 Solid waste			
	 		

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.5 Biological resource use/modification

Name	Impact	Origin	Trend
------	--------	--------	-------

4.5.1 Fishing/collecting aquatic resources						

Spatial scale - Area affected by the factor

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes

<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Development over the last 6 years

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.5.3 Land conversion						

Spatial scale - Area affected by the factor

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread






Temporal scale - Occurrence of the impact

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes

<input type="checkbox"/>	Insignificant
--------------------------	---------------

	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.5.4 Livestock farming/Grazing of domesticated animals						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing





Name	Impact			Origin		Trend
4.5.5 Crop production						

Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
<input checked="" type="checkbox"/>	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
<input checked="" type="checkbox"/>	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
<input checked="" type="checkbox"/>	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
<input checked="" type="checkbox"/>	Static						
	Increasing						

Name	Impact			Origin		Trend
4.5.6 Commercial wild plant collection						

Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
<input checked="" type="checkbox"/>	Frequent						
	On-going						
Impact - Impact on the attributes							
<input checked="" type="checkbox"/>	Insignificant						
	Minor						

	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.5.7 Subsistence wild plant collection						
						

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.5.9 Subsistence hunting						




Spatial scale - Area affected by the factor							
<input checked="" type="checkbox"/>	Restricted						
<input type="checkbox"/>	Localised						
<input type="checkbox"/>	Extensive						
<input type="checkbox"/>	Widespread						
Temporal scale - Occurrence of the impact							
<input checked="" type="checkbox"/>	One off or rare						
<input type="checkbox"/>	Intermittent or sporadic						
<input type="checkbox"/>	Frequent						
<input type="checkbox"/>	On-going						
Impact - Impact on the attributes							
<input type="checkbox"/>	Insignificant						
<input type="checkbox"/>	Minor						
<input checked="" type="checkbox"/>	Significant						
<input type="checkbox"/>	Major						
Management response - Capacity of management to respond							
<input checked="" type="checkbox"/>	High capacity						
<input type="checkbox"/>	Medium capacity						
<input type="checkbox"/>	Low capacity						
<input type="checkbox"/>	No capacity and / or resources						
Trend - Development over the last 6 years							
<input type="checkbox"/>	Decreasing						
<input checked="" type="checkbox"/>	Static						
<input type="checkbox"/>	Increasing						

4.6 Physical resource extraction




Name	Impact			Origin		Trend
4.6.2 Quarrying						
Spatial scale - Area affected by the factor						
<input type="checkbox"/>	Restricted					
<input checked="" type="checkbox"/>	Localised					
<input type="checkbox"/>	Extensive					
<input type="checkbox"/>	Widespread					
Temporal scale - Occurrence of the impact						
<input type="checkbox"/>	One off or rare					
<input checked="" type="checkbox"/>	Intermittent or sporadic					
<input type="checkbox"/>	Frequent					
<input type="checkbox"/>	On-going					
Impact - Impact on the attributes						

	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.1 Wind			
			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.7.3 Temperature			
			

Spatial scale - Area affected by the factor

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes




<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond

<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Development over the last 6 years

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
4.7.5 Dust			
			





Spatial scale - Area affected by the factor

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.7.7 Pests						
						

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

4.8 Social/Cultural uses of heritage

Name		Impact			Origin		Trend
4.8.1 Ritual/Spiritual/Religious and associative uses							

Spatial scale - Area affected by the factor

<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurence of the impact

<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes

<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond

<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Developement over the last 6 years

<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name		Impact			Origin		Trend
4.8.2 Society's valuing of heritage							




Spatial scale - Area affected by the factor

<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input checked="" type="checkbox"/>	Widespread

Temporal scale - Occurence of the impact



<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic

	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.8.3 Indigenous hunting, gathering and collecting						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing

	Static
	Increasing

Name	Impact	Origin	Trend
4.8.4 Changes in traditional ways of life and knowledge system			
			
			

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes




✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community			
			
			





Spatial scale - Area affected by the factor

✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

✕	One off or rare
	Intermittent or sporadic

	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.8.6 Impacts of tourism/Visitation/Recreation						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

✕	Static
	Increasing

4.9 Other human activities

Name	Impact	Origin	Trend
4.9.1 Illegal activities			
	<div>⊖</div> <div>🗣️</div> <div>🗣️</div>	<div>🔄</div>	<div>➡️</div>















Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.9.3 Military training	<div>⊕</div> <div>🗣️</div> <div></div>	<div>🔄</div>	<div>➡️</div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare






	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
			
			
			
			
			
			

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.10.2 Flooding						
						





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources



Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.10.3 Drought						
						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
---	--






✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.10.6 Temperature change						
						





Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.11 Sudden ecological or geological events






Name	Impact	Origin	Trend
4.11.2 Earthquake			
	  		

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.11.5 Erosion and siltation/Deposition			
	  		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread




Temporal scale - Occurence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity

	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.2 Invasive/Alien terrestrial species			
			




Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources





Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.12.3 Invasive/Alien freshwater species			
			

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive






	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.13 Management and institutional factors

Name	Impact			Origin		Trend
4.13.1 Management system/Management plan						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	



Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major





Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance	 	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised

✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.4 Management activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.5 Financial resources	 	 	




Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major





Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.6 Human resources	 	 	






Spatial scale - Area affected by the factor	
	Restricted
	Localised

	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
✕	High capacity

	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.8 High impact research/monitoring activities	 	 	

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

Not relevant

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

Attribute	Preserved	Compromised	Seriously compromised	Lost

4.18.1.1	The Park provides habitat for globally threatened species, notably, the Greater Onehorned Rhinoceros, Royal Bengal Tiger and Gharial Crocodile	×			
4.18.1.2	The Park has the fame as one of the highest concentrations of the birds (541 species) in the World	×			
4.18.1.3	Bikram Baba at Kasara, Valmiki Ashram in Tribeni and Panch Pandav at Madi are the most famous pilgrimage places of religious values for Hindus of nearby areas of India as well	×			
4.18.1.4	CNP is also the land of indigenous Tharu community who have been living in the area for centuries despite the epidemic of malaria in the past	×			
4.18.1.5	CNP is an outstanding example of a unique assemblage of native flora and fauna of the Siwalik and inner Terai ecosystem	×			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The property has **no buffer zone** and **does not need one**

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The property has **no known and recognised** buffer zone

5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

The property has not any buffer zone in line with the operational guideline. There is park's buffer zone (BZ) which is a major strategy to protect the core of the Park through community-based natural resource management in its periphery. BZ program is a benefit sharing mechanism which involves sustainable development, landscape level conservation, tourism promotion and reconciliation of Park-people conflict. So park's BZ also could serve as buffer zone of the UNESCO property when managed properly

5.2. Protective Measures

5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

National Park Gazetted under the National Parks and Wildlife Conservation Act (1973) while by laws for the park were confirmed under the title Royal Chitwan National Park Rules 1974, on 04 March 1974.

Other Laws and Designations:

Environment Protection Act 1996

Forest Act 1993 and its amendments

Water Resources Act 1992

Soil and Water Conservation Act 1982

Aquatic Animal Protection Act 1961

Chitwan National Park Regulation 1974

Bufferzone Management Regulation 1996

Bufferzone management Guideline 1999

Source: Periodic Reporting Cycle 2

Comment

Environment Protection Act 1996; Regulation, 2020 Forest Act 1993 Water Resources Act 1992 Soil and Water Conservation Act 1982 Aquatic Animal Protection Act 1961 Chitwan National Park Regulation 1974 Bufferzone Management Regulation 1996 Bufferzone management Guideline 1999 An Act to Regulate and Control International Trade in Endangered Wild Fauna and Flora, 2017 and its Regulation, 2019 National parks and Wildlife Conservation Act, 1973 (5 amendments) and its Regulation (5 amendments)

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The property has **no buffer zone**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

There is practice of participatory planning approach for the management, conservation and sustainable utilization of resources within the property.

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

No Comments

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system at national level

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

<input type="checkbox"/>	A statutory Management Plan or zoning plan for the property.
<input type="checkbox"/>	Other forms of statutory or non-statutory plans (e.g. strategic plans)
<input type="checkbox"/>	Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property
<input type="checkbox"/>	Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
<input type="checkbox"/>	Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups
<input type="checkbox"/>	A framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property
<input type="checkbox"/>	An integrated management plan combining World Heritage and any other designations
<input type="checkbox"/>	A management plan
<input type="checkbox"/>	An annual work plan or business plan
<input type="checkbox"/>	A visitor/visitation management plan
<input type="checkbox"/>	An environmental management framework
<input type="checkbox"/>	An assessment of biological and cultural diversity and ecosystem services provided by the property

5.3.3 - Please give a brief description of the management system currently in place at your property

CNP and its BZ is managed with a vision to enhance the unique biodiversity thereby maintaining outstanding universal value of the WHS and mainstream conservation for people's well-being in perpetuity. Its managerial goal is to conserve biological diversity of the Park to ensure maintenance of a viable population of rhino and tigers including other wildlife applying science-based measures to maintain the outstanding universal value of WHS and contribute to livelihood improvement of local people.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Conservation education - Interpretation Community Extension Plan: Kasara Durbar - Royal Chitwan National Park (UNESCO World Heritage technical co-operation project: UNESCO/DNPWC SC 293 127.8, 1989) (vol. 1, vol. 2 = attachment 1: floor plans [...])	N/A	Available	1989	
Conservation Education - Interpretation. Community Extension Plan. Kasara Durbar. Royal Chitwan National Park	N/A	Available	1989	

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

No use has been made of the 2011 Recommendation on the Historic Urban Landscape

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

No comment

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

Some use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

With the changing governance system of Nepal Government of Nepal has prepared Climate Change Policy 2019 which has focused in mitigation and adaptation measures to combat Climate change. Specifically, Chitwan National Park has been doing following activities relevant to climate change: Declaration of plastic free Zone Construction of artificial waterholes and restoration of natural ones Grassland Management Strict implementation of environmental rules and laws

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

Bioengineering techniques: tree plantations, fascines, brushwood checkdams Few Engineering Structures: embankments and check dams

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **adequate coordination** between all bodies/levels involved in the management of the property

5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

5.3.14 - Is there an annual work/action plan and is it being implemented?

An annual work/action plan **exists and many of its activities are being implemented**

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities				×	
5.3.15.2	Local authorities				×	
5.3.15.3	Landowners in the property and the buffer zone				×	
5.3.15.4	Indigenous peoples			×		
5.3.15.5	Women			×		
5.3.15.6	Other specific groups	×				
	If you selected, 'Other specific groups' please specify					

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					×
5.3.16.2	Local/Municipal authorities					×
5.3.16.3	Indigenous peoples					×
5.3.16.4	Landowners				×	
5.3.16.5	Women					×
5.3.16.6	Youth/Children				×	
5.3.16.7	Researchers				×	
5.3.16.8	Local Visitors/Tourists				×	
5.3.16.9	National/International tourists				×	
5.3.16.10	Tourism Industry					×
5.3.16.11	Local businesses and industries					×
5.3.16.12	NGOs					×
5.3.16.13	Other specific groups	×				
	If you selected 'Other specific groups', please specify					

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
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5.3.17.1	The management system of the property contributes to gender equality				×	
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)					×
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status				×	
5.3.17.4	The management system of the property integrates a human rights-based approach					×
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood					×
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property					×

5.3.18 - Please provide further details on the ratings of the management system given in the table above

No comments

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

No comment

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	45 %	55 %
6.1.1.6	Governmental (national/federal)	40 %	60 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	0 %
		Total 85 %	Total 115 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

No comment

6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is acceptable but could be further improved to fully meet the management needs

6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are secure over the medium-term and planning is underway to secure funding over the long-term

6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

Anti poaching operations could be increased incase the budget is enhanced.

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	70 %	80 %
6.1.6.2	Women	30 %	20 %
		Total 100 %	Total 100 %

6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources **partly meet** the management needs of the World Heritage property

6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Fair
Capacity development and education	Good
Administration	Good
Research and monitoring	Fair
Awareness raising and public information/communication	Good
Marketing and promotion	Good
Interpretation	Good
Visitor management/tourism	Fair
Enforcement (custodians, police)	Poor

6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Fair
Capacity development and education	Good
Administration	Good
Research and monitoring	Poor
Awareness raising and public information/communication	Good
Marketing and promotion	Fair
Interpretation	Poor
Visitor management/tourism	Fair
Enforcement (custodians, police)	Poor

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

Training and capacity building at this property is **fully based** on the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

Trainings on forest fire management, grassland Management, wildlife monitoring, wildlife handling for office staffs. Demonstration tours and field visits, homestay management trainings for local communities

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A **site-based** capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, **but most technical work is carried out by external staff**

6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training

No comment.

7. Scientific Studies and Research Projects

7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values and attributes of the World Heritage property is **adequate**

7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving

understanding of Outstanding Universal Value?

There is a **small amount of research**, but it is **not planned**

7.3 - Are results from research programmes publicly available and disseminated?

Research results **are shared** widely **with active outreach** to local communities and national and international audiences

7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects

No comment

8. Education, Information and Awareness Building

8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities	Good
Local/municipal authorities	Good
Indigenous peoples	Good
Landowners	Fair
Women	Good
Youth/children	Fair
Researchers	Fair
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Fair
Local businesses and industries	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

There is a planned education and awareness programme for children and/or youth **but it only partly meets the needs**

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
Indigenous peoples
Landowners
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building

Visitor centre	Good
Site museum	Good
Information booths	Poor
Guided tours	Good
Trails/routes	Good

Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Good
Other	Not needed
If 'Other' is selected, please specify	

8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building

No comment

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

182435 / 187109 / 152671 / 137125 / 87391 /

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries

Visitor surveys

9.3 - What is the average length stay of a visitor to the World Heritage property?

Two overnight stays

9.4 - Please provide the source of information

Annual Report of Chitwan National Park Interview with the key informers

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

45 / 20 / 100 / 20 / 50 / 50 /

9.6 - Please provide the source of information

Consultation with hoteliers, nature guides, travel agencies.

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a **strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are **some deficiencies in implementation**

9.8 - Please provide any comments relating to the answer provided above in question 9.7

All the tourism activities within the property are carried out within the strict provision of , National Park and Wildlife Conservation Act, 2073 and its Regulation 2074 and Chitwan National Park Regulation, 1974.

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is managed but **improvements could be made**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Management Plan of Chitwan National Park and Its Buffer zone

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **good cooperation** between those responsible for the World Heritage property and the tourism industry to **present the Outstanding Universal Value and increase appreciation**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property **is adequately presented and interpreted**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **many locations** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

Fees are collected and make a **substantial contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Jungle Safari, Elephant Safari, Jungle Walk, Jungle Camp

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

30 to 50 % of revenue collected from park's Buffer zone is provided to buffer zone management committee

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

Tourism is one of the major source of revenue collection in Chitwan National Park. About 10000 local people are directly benefited from the tourism activities. Still, tourism has not became a primary income source due to seasonal earnings and high fluctuations during the disaster and pandemic periods.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate and key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation			✗	
10.3.2	Effectiveness of the management system			✗	
10.3.3	Character of governance			✗	
10.3.4	Appropriate synergy with other conservation designations				✗
10.3.5	Contribution to sustainable development				✗
10.3.6	Capacity development				✗

10.4 - Please provide information on relevant key indicators adopted at the property

Population monitoring of key and flagship species such as Rhino, Tiger, Gaur and Gharial Prey base monitoring Habitat evaluation and monitoring Sweep operations Patrolling

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good
Local communities	Good
Indigenous peoples	Fair
Landowners	Fair
Women	Fair
Researchers	Fair
Tourism industry	Good
Local businesses and industry	Good
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is underway

10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

No comments

10.8 - Comments, conclusions and/or recommendations related to Monitoring

No comment

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.3	The property has no buffer zone	
5.1.4	The property has no known and recognised buffer zone	
5.2	Protective Measures	
5.2.4	The property has no buffer zone	
5.3	Management System/Management Plan	
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	✕
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	✕
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✕
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	
6.1.7	Human resources partly meet the management needs of the World Heritage property	✕
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	✕
7	Scientific Studies and Research Projects	
7.2	There is a small amount of research in the World Heritage property but it is not planned	✕
8	Education, Information and Awareness Building	
8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	✕
9	Visitor Management	
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	✕
9.9	Visitor use of the World Heritage property is managed but improvements could be made	✕
Please select 1 more issues.		
<input checked="" type="checkbox"/> Please save this question to reflect changes		

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.2	Transportation Infrastructure							
4.2.1	Ground transport infrastructure	Habitat of Endangered Species	Strict Implementation of EIA and IEE provisions Diversion of roads and railways alignments outside the property	Regular field visits, reporting and advocacy with concern authorities	At least twice a year by central level authorities At least once a month by Chitwan National park	Ministry of Forests and Environment Department of National Parks and Wildlife Conservation Chitwan National parks Other field experts	No comments	
4.5	Biological resource use/modification							
4.5.3		Land conversion						
4.5.7		Subsistence wild plant collection						
4.6	Physical resource extraction							
4.6.2	Quarrying	Natural Beauty of the property	Regular monitoring Quarrying is opened for certain short period of time of a year	EIA and IEE reports Field visits and reporting by expert team	Every year	Ministry of Forests and Environment Department of National parks and Wildlife Conservation Chitwan national Park Office	N/A	

4.7	Local conditions affecting physical fabric						
4.7.1	Wind	Wild animals and plants	Protective measures	Regular	Yearly	National Authorities	N/A
4.10	Climate change and severe weather events						
4.10.2	Flooding	Wild animals	Protective Measures	Regular	Yearly	National Authority	N/A
4.11	Sudden ecological or geological events						
4.11.5		Erosion and siltation/Deposition					
4.11.6		Fire (wildfire)					
4.12	Invasive/alien species or hyper-abundant species						
4.12.2	Invasive/Alien terrestrial species	Wild Animals	Protective measures	Regular	Yearly	National authorities	N/A
4.12.3	Invasive/Alien freshwater species	N/A	Attract quality tourists	Regular	Yearly	National authorities	N/A
Question not completed							

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	Plantations Alternative renewable energy Wildlife friendly infrastructures'	2021 to 2030	Government of Nepal' Conservation Partners Donors other line agencies	No comments
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	Alternative energy measures eg. biogas Promotion of aquaculture and commercial farming	2021 to 2025	Governmental organizations conservation Partners	No comments
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Bio engineering structures engineering structures conservation farming promote scientific farming systems	2021 to 2030	Government of Nepal Conservation Partners	No comments
6.1	Funding				
6.1.7	Human resources partly meet the management needs of the World Heritage property	Recruitment of new government staffs Capacity enhancement of existing human resources Reinforce the concept of participatory conservation	2021 to 2030	Government of Nepal Ministry of Forests and Environment and other relevant line Ministries Department of National Parks and Wildlife Conservation Chitwan National Park Office Conservation Partners	No comment

6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	Appropriate databased management System	2021 to 2030	Department of National Parks and Wildlife Conservation	No comments
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7 Scientific Studies and Research Projects

7.2	There is a small amount of research in the World Heritage property but it is not planned	Students and Institutional Research awards Participatory action research plan	2021 to 2030	conservation partners Chitwan National Park Office	No Comments
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8 Education, Information and Awareness Building

8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	School teaching programs Developing citizen scientists	2021 to 2030	Conservation Partners	No comments
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9 Visitor Management

9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	Facilitate and motivate researchers for in-depth investigation Formulation and implementation of site specific tourism management plans	2021 to 2030	Chitwan National Park Buffer Zone Forests Management committees Conservation partners	No comments
9.9	Visitor use of the World Heritage property is managed but improvements could be made	Attraction for quality tourists Promote ecotourism	2021 to 2030	Government of Nepal Department of National parks and Wildlife Conservation Tourism entrepreneurs	No comments

Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

12.3.5 - Comments. conclusions and/or recommendations related to the state of conservation of the property.

No comments.

13. Impact of World Heritage Status

13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Positive
Education	Positive
Infrastructure development	Negative
Funding for the property	Very positive
International cooperation	Positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Very positive
Security	Very positive
Gender equality	Positive
Provision of ecosystem services/ benefits to local communities	Very positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Positive
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Very positive
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

No comments

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

Strict implementation of rules, laws and regulations regarding environment protection especially EIA and IEE provisions. Underground electricity line distribution within park area
 Diversion of roads passing through the property
 Control of encroachment

14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development
Synergies
State of Conservation
Management
Governance
Capacity Building

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity

The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Good
Site Managers	Good
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Fair

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans
Fundraising
Awareness raising
Advocacy
Other
Strict law enforcement, public participation, coordination with line agencies, strengthen and capacitated WCCB and antipoaching unit

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

The data in the cycle of periodic reporting will be utilized to enhance the management interventions of the property in order to protect its OUV. These data will also be useful to raise public consensus on the importance of property to make national identity in the world and hopefully to convince development partners to divert the development infrastructures far from the property.

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff
Focal points of other international conventions/programmes
Responsible persons for local designated sites under other international conventions/ programmes
Staff from other World Heritage properties
UNESCO National Commission
Local communities
Indigenous people
Non-Governmental Organizations
IUCN national/regional
Donors

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance is explicitly considered and effectively implemented in the process.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

150 / 30 / 50 /
20 / 20 / 20 /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources		×
15.3.5.2	Financial resources for organizing consultation meetings/ training		×

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			X	
15.4.2.2	Clarity of questions			X	

15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

There need to be addition of comment boxes even for the irrelevant questions so that we can add some site specific issues. For example there are few questions regarding marine ecosystem but Nepal being landlocked country it seems to be irrelevant for us. However, Nepal posses fresh water ecosystem which when get deteriorated could affect the Marine ecosystem as well.

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	Good
UNESCO National Commission	Good
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Fair

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Fair
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Good
National Commission for UNESCO	Good
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Fair
IUCN International	Fair

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

No comments

15.6. Actions that will require formal consideration by the World Heritage Committee

15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee

- **Geographic information table**

Reason for update: The Previous area of Park and Buffer Zone were 932 Square Km (93200 Ha.) and 750 Square Km (75000 Ha) respectively. The areas of Buffer zone is merged to park area 932 Square Km. converted into 952.63 Square Km (95263 Ha) and 750 Square Km. was converted into 729.37 Square Km (72937 Ha) in 2016 to give importance of Biodiversity Conservation and it is also valued for Tiger habitat.

Changes to these items will need to go through the proper processes.

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

No comments

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.