

Mount Kenya National Park/Natural Forest

1. World Heritage Property Data

1.1 - Name of World Heritage property


Mount Kenya National Park/Natural Forest

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Mount Kenya National Park/Natural Forest	-0.155 / 37.316	182500	?	182500	1997
Lewa Wildlife Conservancy	0.222 / 37.464	19834	69339	89173	2013
Total (ha)		202334	69339	271673	

1.4 - Map(s)

Title	Date	Link to source
Mount Kenya Ecosystem	1996	

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

1. [Mount Kenya National Park \(Kilimanjaro Adventure Travel\)](#)
2. [Natural site datasheet from WCMC](#)

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

No comments

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?

Not applicable

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)

No comments

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

Not applicable

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.

Not applicable

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

Mount Kenya straddles the equator about 193 km north-east of Nairobi and about 480 km from the Kenyan coast. At 5,199 m, Mount Kenya is the second highest peak in Africa and is an ancient extinct volcano. There are 12 remnant glaciers on the mountain, all receding rapidly, and four secondary peaks that sit at the head of the U-shaped glacial valleys. With its rugged glacier-clad summits and forested middle slopes, Mount Kenya is one of the most impressive landscapes in East Africa. The evolution and ecology of its afro-alpine flora also provide an outstanding example of ecological processes.

The property includes the Lewa Wildlife Conservancy and Ngare Ndare Forest Reserve (LWC-NNFR) to the north. The two component parts of the property are connected via a wildlife corridor which is part of the buffer zone for the property, and which provides vital connectivity for elephants moving between Mount Kenya and the larger conservation complex of the Somali/Maasai ecosystem. The LWC-NNFR extension incorporates the forested foothills and steep valleys of the lower slopes of Mount Kenya and extends northwards onto the relatively flat, arid, volcanic soils supporting grassland and open woodland communities on the Laikipia plain.

Criterion (vii): At 5,199 m, Mount Kenya is the second-highest peak in Africa. It is an ancient extinct volcano, which during its period of activity (3.1-2.6 million years ago) is thought to have risen to 6,500 m. The entire mountain is deeply dissected by valleys radiating from the peaks, which are largely attributed to glacial erosion. There are about 20 glacial tarns (small lakes) of varying sizes and numerous glacial moraine features between 3,950 m and 4,800 m asl. The highest peaks are Batian (5,199 m) and Nelion (5,188 m). There are 12 remnant glaciers on the mountain, all receding rapidly, and four secondary peaks that sit at the head of the U-shaped glacial valleys.

With its rugged glacier-clad summits and forested middle slopes, Mount Kenya is one of the most impressive landscapes in East Africa. This setting is enhanced by the visual contrast and diversity of landscapes created between the Kenyan Highlands and Mount Kenya looming over the flat, arid, grassland and sparse wooded plains of the Lewa Wildlife Conservancy extension to the north.

Mount Kenya is also regarded as a holy mountain by all the communities (Kikuyu and Meru) living adjacent to it. They use the mountain for traditional rituals based on the belief that their traditional God Ngai and his wife Mumbi live on the peak of the mountain.

Criterion (ix): The evolution and ecology of the afro-alpine flora of Mount Kenya provides an outstanding example of ecological processes in this type of environment. Vegetation varies with altitude and rainfall and the property supports a rich alpine and subalpine flora. Juniperus procera and Podocarpus species are predominant in the drier parts of the lower zone (below 2,500 m asl). Cassipourea malosana predominates in wetter areas to the south-west and north-east. Higher altitudes (2,500-3,000 m) are dominated by bamboo and Podocarpus milanjianus. Above 3,000 m, the alpine zone offers a diversity of ecosystems including grassy glades, moorlands, tussock grasslands and sedges. Continuous vegetation stops at about 4,500 m although isolated vascular plants have been found at over 5,000 m.

In the lower forest and bamboo zone mammals include giant forest hog, tree hyrax, white-tailed mongoose, elephant, black rhinoceros, suni, black-fronted duiker and leopard. Moorland mammals include the localized Mount Kenya mouse shrew, hyrax and common duiker. The endemic mole-rat is common throughout the northern slopes and the Hinder Valley at elevations up to 4,000 m. Lewa Wildlife Conservancy and Ngare Ndare Forest Reserve enhance the species diversity within the property including being home to the largest resident population of Grevys' Zebra in the world. An impressive array of birdlife includes green ibis (local Mount Kenya race); Ayres hawk eagle; Abyssinian long-eared owl; scaly francolin; Rüppell's robin-chat; numerous sunbirds (Nectariniidae); the locally threatened scarce swift; and near endemic alpine swift.

The Lewa Wildlife Conservancy and Ngare Ndare Forest Reserve component of the property incorporates lower lying, scenic foothills and arid habitats of high biological richness and diversity. The component lies at the ecological transition zone between the Afro Tropical Mountain ecosystem and the semi-arid East African Savannah Grasslands. Lewa Wildlife Conservancy and Ngare Ndare Forest Reserve also lie within the traditional migration route of the African elephant population of the Mount Kenya – Somali/Maasai ecosystem and has always been the traditional dry season feeding area for elephants.

Integrity

The serial property comprises Mount Kenya National Park managed by the Kenya Wildlife Service (KWS) and parts of the Mount Kenya Forest Reserve managed by the Kenya Forest Service (KFS). Both these protected areas are designed to protect the main natural values and the watershed of the mountain above the 2,000 - 2,500m elevations. To the north the property is connected via a 9.8 km elephant corridor to the Lewa Wildlife Conservancy and Ngare Ndare Forest Reserve (LWC-NNFR) which adds lowland drier ecosystems and habitats and a suite of additional species to the property. The corridor is within the buffer zone but critical to maintain ecological connectivity between the two components of the property. Despite a number of threats to the property, wildlife populations, though reduced from the years prior to the first inscription of the property on the World Heritage List, are still considered healthy.

The boundaries of the property on the main area of Mount Kenya are limited to the upper reaches of the mountain above the montane forest zone and most of the forest destruction, illegal grazing, poaching and other human activities which impact the broader ecosystem are occurring outside the property, in the area of forest/national reserve that serves as a 'buffer zone'. Understanding and mitigating these threats to the broader ecosystem is important because they impact the long-term viability of the property.

Climate change is probably one of the most serious long-term threats to the site. Glaciers are melting fast and appear destined to disappear altogether within a few decades. As the climate warms the vegetation zones can be expected to shift higher up the mountain. For example, the lower parts of the bamboo zone (which occur at the lower limit of the property) will likely gradually be replaced with mixed montane forest. It is essential that the threat of climate change is buffered through enhanced connectivity and ensuring that natural habitats covering the full range of altitude are maintained as a continuum, thus providing ecosystem resilience and allowing for adaptation to the inevitable change. The LWC-NNFR by establishing the corridor and regional linkages via several conservancies to link with Samburu National Park, Shaba National Reserve and Buffalo Springs to the north and beyond to the Matthew's Range is a significant proactive intervention to mitigate climate change impacts on the biodiversity of this region of East Africa providing mobility for biodiversity to adapt to changing temperature and rainfall regimes.

Protection and management requirements

The property's legislative framework is generally sound and provides for adequate protection of the site. The most relevant legislation is provided by the Wildlife Act, the Environment Management and Coordination Act (1999), the Water Act (2002), and the Forest Act (2005). The Government of Kenya, through KWS has promoted the formation of wildlife conservancies amongst owners of large tracks of land especially amongst local communities as a long-term strategy to increase range for biodiversity conservation and management in the country. LWC is managed for the conservation of biological diversity and thus has met the national legal requirements for designation as a conservancy. In addition the National Land Policy of the Ministry of Lands supports the establishment of corridors for biodiversity conservation.

Three institutions require close coordination to manage the serial property. These include KWS and KFS as well as the Lewa Wildlife Conservancy managed through a Board of Trustees. KWS and KFS are signatories to the Mount Kenya Ecosystem Management Plan which provides an overarching management planning framework. It is essential that the separate management plans applying to the components of the property are harmonised in terms of management approaches and timeframes.

More sustainable management of various sections of the forest has been supported through the establishment of Community Forestry Associations (CFAs) and the production of operational forest management plans and related agreements signed between KFS and the CFAs.

There is a major problem with crop damage caused by elephant, buffalo and other large mammals moving into fields along the lower boundary of the Mount Kenya

National/Forest Reserve. Various attempts have been made to mitigate this human-wildlife conflict problem by fencing and construction of other barriers to stop animals moving out of the reserve. These have had mixed results, nevertheless, as experience has shown elsewhere, effective and well considered fencing is likely to be the best option for mitigating human/wildlife conflict in such a densely populated landscape.

Past threats from commercial tree plantation development and associated cultivation/habitat destruction have been alleviated through long term efforts. Government policy not to convert any more natural forest for plantation development has significantly reduced the threat to the property from plantation development and associated cultivation in the adjacent buffer zone. Nevertheless, the ecological consequences of the failed plantation development activities of past decades remain. Areas which were cleared for plantations, but never planted, have been colonised by grasses and are being maintained as open grazing lands, rather than being allowed to revert to natural forest.

Threats from illegal logging, grazing, poaching and tourism are being managed and appear to be stable notwithstanding on-going issues. Continued monitoring and effective management of these issues will be needed. Fire is a major threat, especially in the high altitude moorlands of the World Heritage property. The threat is exacerbated by the increasing number of people living around the periphery of the forest, and making daily incursions up the mountain to graze livestock and collect non-timber forest products. Stakeholders have jointly developed a Mount Kenya Hotspot Strategic Fire Plan to guide future fire preparedness within the ecosystem.

The maintenance of the 9.8km elephant corridor connecting Mount Kenya to the lowland areas of the LWC-NNFR is critical to provide a contiguous link between the two components of the property, thereby supporting wildlife movements and buffering against climate change impacts. It is also critical to explore other opportunities to create connectivity within the larger ecosystem complex to enhance the ecological viability of the property.

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	Afro alpine Flora		×		
3.2.2	Mountain Landscapes	×			
3.2.3	Scenic beauty		×		
3.2.4	Glacial Temperatures			×	
3.2.5	Water catchment		×		
3.2.6	Mountain vegetation zones		×		
3.2.7	Research center		×		
3.2.8	Forests,caves and camping sites		×		
3.2.9	Local communities	×			
3.2.10	Sacred sites e.g. hills,peaks,lakes and rivers		×		
3.2.11	habitat for benthic microbial life		×		
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 comments

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	×	Not relevant
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4.1.2 - Commercial development

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	×	Not relevant
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4.1.3 - Industrial areas

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	×	Not relevant
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4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Not relevant

✕ 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

No comments

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (01/10/2010):

- Not relevant

✕ 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 (01/10/2010):

- Not relevant

Relevant			✕ Not relevant				
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant			✕ Not relevant				
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

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

⊖ Negative ✕		✕		✕			↗
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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 comments

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (01/10/2010):

- Not relevant

✕ 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 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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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

No comments

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- 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 (01/10/2010):

- 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

No comments

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Not relevant

Relevant				✕ Not relevant			
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4.5.3 - Land conversion

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Relevant, Positive, Current, Outside

✕ 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 (01/10/2010):

- Relevant, Positive, Current, Outside

✕ 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 (01/10/2010):

- Not relevant

Relevant				✕ Not relevant			
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4.5.9 - Subsistence hunting

Previous answer Cycle 2 (01/10/2010):









- Relevant, Negative, Current, 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 (01/10/2010):

- Relevant, Negative, Current, Inside

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

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

No comments

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.6.2 - Quarrying

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.6.3 - Oil and gas

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.6.4 - Water (extraction)

Previous answer Cycle 2 (01/10/2010):

- Relevant, Positive, Current, Inside

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

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

No comments

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.2 - Relative humidity

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.3 - Temperature

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.5 - Dust

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.7 - Pests

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.7.8 - Micro-organisms

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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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

No comments

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (01/10/2010):

- Relevant, Positive, Current, 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 (01/10/2010):

- 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 (01/10/2010):

- Relevant, Positive, 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 (01/10/2010):

- 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 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Relevant, Positive, 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 comments

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.9.3 - Military training

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (01/10/2010):

- 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 comments

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.10.2 - Flooding

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.10.3 - Drought

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, 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 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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











Relevant	✕ Not relevant
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4.10.6 - Temperature change

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, Outside

✕ Relevant	Not relevant
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




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

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, Outside

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

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

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

Global warming that has continuously increasing the temperatures hence prolonged dry spells.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (01/10/2010):

- Not relevant

Relevant	✕ Not relevant
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4.11.2 - Earthquake

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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














4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Current, Outside

✕ 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

wildfires occur almost every dry spell. The causes of this fires are diverse and hard to control them. The area is vast and pose a challenge when fighting and control them.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (01/10/2010):








- Relevant, Positive, Current, Outside

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (01/10/2010):

- Relevant, Negative, Potential, 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 (01/10/2010):


- Not relevant

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (01/10/2010):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (01/10/2010):


- Not relevant

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (01/10/2010):

- 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

No comments

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 (01/10/2010):

- Relevant, Positive, Current, 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 (01/10/2010):

- Relevant, Positive, Current, 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 (01/10/2010):

- Not relevant

Relevant

✕ Not relevant

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

No Comments

4.14. Other factor(s)

4.14.1 - Other factor(s)

No comments

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
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						
						
4.2.5 Effects arising from use of transportation infrastructure						
						
4.3 Services Infrastructures						
4.3.1 Water infrastructure						
						
4.4 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						
4.5.10 Forestry/Wood production						
4.6 Physical resource extraction						
4.6.4 Water (extraction)						
4.7 Local conditions affecting physical fabric						
4.7.3 Temperature						
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						
4.10 Climate change and severe weather events						
4.10.3 Drought						
4.10.6 Temperature change						
4.10.7 Other climate change impacts						
4.11 Sudden ecological or geological events						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 Translocated species						
4.12.2 Invasive/Alien terrestrial 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						
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
4.1.4 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

Name	Impact	Origin	Trend
4.2.5 Effects arising from use of transportation infrastructure	<div> <div>+</div> <div>⚠</div> <div></div> </div>	<div> <div>+</div> <div></div> </div>	<div> <div>→</div> </div>
	<div> <div>-</div> <div></div> <div>⚠</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

4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.1 Water infrastructure	<div> <div>+</div> <div></div> <div>📢</div> </div> <div> <div>-</div> <div></div> <div>📢</div> </div>	<div> <div>+</div> <div></div> <div>🔄</div> </div> <div> <div>-</div> <div></div> <div>🔄</div> </div>	<div> <div>↓</div> <div></div> <div>↑</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		

4.4 Pollution

Name	Impact	Origin	Trend
4.4.4 Air pollution			





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
4.4.5 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	
✕	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
------	--------	--------	-------

4.5.3 Land conversion						

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 - Developement 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 - 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
4.5.5 Crop production						

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
4.5.6 Commercial 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
4.5.7 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	
	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
4.5.10 Forestry/Wood production						




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						

4.6 Physical resource extraction

Name	Impact	Origin	Trend
4.6.4 Water (extraction)			
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

4.7 Local conditions affecting physical fabric





Name	Impact			Origin		Trend
4.7.3 Temperature						
						

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

4.8 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	
	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
4.8.2 Society's valuing of heritage					



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
4.8.3 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			

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
4.10.3 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

Name	Impact	Origin	Trend
4.10.7 Other climate change impacts			
			

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
4.11.6 Fire (wildfire)			
			

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

4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.1 Translocated 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
4.12.2 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

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

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	

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

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

No comment

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	Afro alpine Flora	✕			
4.18.1.2	Mountain Landscapes	✕			
4.18.1.3	Habitat for benthic microbial life	✕			
4.18.1.4	Glacial Temperatures		✕		
4.18.1.5	Mountain vegetation zones	✕			

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 buffer zones are **adequate** to maintain the property's Outstanding Universal Value

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

The buffer zones of the World Heritage property **are known and recognised by both** the management authority and local communities/landowners

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

For effective management of the emerging issues around the site, the government through different stakeholders is putting up a comprehensive fence to assist in mitigating various issues and managing the site.

5.2. Protective Measures

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

The Government of Kenya, through the Kenya Wildlife Service (KWS), has promoted the formation of wildlife conservancies amongst owners of large tracks of land especially amongst local communities as a long-term strategy to increase range for biodiversity conservation and management in the country. LWC is managed for the conservation of biological diversity and thus has met the national legal requirements for designation as a conservancy. The National Land Policy of the Ministry of Lands (Session Paper No.3 of 2009) recognizes the establishment of wildlife corridors for the purpose of biodiversity conservation and to support critical wildlife migration and dispersal areas. The policy embodies principles of consultation and co-management with local communities and individual land owners in the establishment of such corridors. This policy aspires to achieve an integrated and comprehensive approach to the management of natural resources through participatory environmental action plans by communities and individuals living near environmentally sensitive areas in order to take into account cultural and socio economic issues; identification, mapping and gazetting of critical wildlife migration, dispersal areas, and corridors; and through supporting the development of wildlife sanctuaries and conservancies in partnership with local communities and individuals living contiguous to the parks. The above policy led to the decision to establish a corridor and underpass on the Nanyuki Meru A2 road, in order to secure a safe movement of elephants between LWC and Mount Kenya.

Source: Advisory Body Evaluation (2013)

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 **legal framework** in the buffer zone for the maintenance 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**

5.2.5 - 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 **acceptable capacity/resources** to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain

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

No comment

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

No comment

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.

An integrated management plan combining World Heritage and any other designations

A management plan

An annual work plan or business plan

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

The management plan for the property was developed by various stakeholders and is being implemented by the respective state agencies.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plan for the Mount Kenya Ecosystem 2002-2007. Final Draft, 30/11/2001	N/A	Available	2001	
Management Plan for the Mount Kenya Ecosystem, 2002-2007	N/A	Available	2001	

**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?**

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

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?

The policy for dealing with climate change is **fully based** on the agreed World Heritage policy

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:

Mitigation measures are being implemented and a wide range of research is being done on key areas.

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

The risk management policy is **fully based** on the agreed 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

There is a fire management plan that has been developed and being implemented.

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 **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

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 but few 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	Conservation NGO's				

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	County Governments				

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
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

There are different levels of government i.e National and county government. These two levels are inter linked by various departments that work together in various aspects for the good of the site.

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

The management plan of the site is a common document prepared by the various stakeholders that manage the site, hence all of the stakeholders have an obligation to implement it.

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.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	90 %	90 %
6.1.1.7	Governmental (regional/provincial/state)	00 %	0 %
6.1.1.8	Governmental (local/municipal)	00 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	10 %	10 %
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 100 %	Total 100 %

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 inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

The existing sources of funding are **secure over both the medium- and long-term**

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

The fund provided to the site are provided by the National government through budgetary allocations the lead site management agencies i.e. Kenya wildlife service and Kenya forest service.

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	40 %	40 %
6.1.6.2	Women	10 %	10 %
		Total 50 %	Total 50 %

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

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

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

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

No use has been made of 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.

No comment

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 has been developed but it is not implemented and skills are not being transferred

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

More needs to be done in training and capacity building to fully and effectively manage the site.

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 considerable research but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value

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

Research results are shared with local communities and partners but there is no active outreach to national or international agencies

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	Fair
Local/municipal authorities	Fair
Indigenous peoples	Fair
Landowners	Fair
Women	Fair
Youth/children	Fair
Researchers	Good
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Fair
Local businesses and industries	Poor
NGOs	Good
Other specific groups	Fair
If you selected 'Other specific groups', please describe	County Governments

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 and effective education and awareness programme for children and youth that contributes to the protection of the World Heritage property

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

Local communities
Indigenous peoples
Women
Youth/children
Researchers
Local Visitors

National/international tourists
Tourism industry
NGOs
Other specific groups
County governments

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	Fair
Site museum	Not provided but needed
Information booths	Not provided but needed
Guided tours	Fair
Trails/routes	Fair
Printed information materials	Fair
Online (website, social media, etc.)	Fair
Transportation facilities	Not provided but needed
Other	Not needed
If 'Other' is selected, please specify	

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

There is need to develop well equipped information centers, detailed materials and provide accessibility so as to benefit the target groups.

9. Visitor Management

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

25737 / 26264 / 20500 / 19103 / 18386 /

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

Entry tickets and registries

Accommodation establishments

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

The entry packages to the property are in days ranging from 1 - 6. Most of these visitors will come to summit the third highest peak, point Lenana which will take a minimum of 3 days. These category comprise of 65% of the annual visitation.

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

15-25 / 10-15 / 10-60 / 4.5-52 / 5-20 / 10-50 /

9.6 - Please provide the source of information

visitor entry books at the gates.

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

The management plan has the visitor management plan which is been implemented by the limited staff available. The greaterst challenge is to monitor visitor activities in the high altitude area.

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

The kenya wildlife service visitor management tools.

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 contact** between those responsible for the World Heritage property and the tourism industry but this **is largely confined to administrative or regulatory matters**

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 **not adequately presented and interpreted**

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

In **one location** 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

Establishment of community Guides and potters clubs.

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

Yes

If 'Yes', please specify

The local community earn income by providing direct services to the visitors and they are not charged to access the property.

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

The visitor use zone are well demarcated on the sites and visitors do understand the dos and don'ts on the site. However more sites should be opened up for utilization.

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** but **monitoring of the status of indicators could be improved**

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

Forest cover, quality and quantity of water, Population of key species of flora and fauna, Fire monitoring and visitor numbers.

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

World Heritage managers/coordinators and staff	Fair
Local/municipal authorities	Fair
Local communities	Fair
Indigenous peoples	Fair
Landowners	Not applicable
Women	Fair
Researchers	Good

Tourism industry	Good
Local businesses and industry	Not applicable
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.

This recommendations are being implemented but not to the full extent since more education is needed to be give to the site managers and the implementing agencies.

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

5.2	Protective Measures	
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	✕
5.3	Management System/Management Plan	
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	✕
5.3.14	An annual work/action plan exists for the property but few of the activities are being implemented	✕
6.1	Funding	
6.1.3	The available budget is inadequate for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	
6.1.7	Human resources partly meet the management needs of the World Heritage property	✕
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	A site-based capacity building plan or programme has been developed but it is not implemented and skills are not being transferred	
7	Scientific Studies and Research Projects	
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	
7.3	Research results are shared with local communities and partners but there is no active outreach to national or international agencies	
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	
9.11	There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters	
9.12	The Outstanding Universal Value of the property is not adequately presented and interpreted	✕
10	Monitoring	
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	

Please select 4 more issues.

☒ 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

4.3	Services Infrastructures
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4.3.1		Water infrastructure						
4.4	Pollution							
4.4.4		Air pollution						
4.6	Physical resource extraction							
4.6.4	Water (extraction)	Criteria ix. Ecological processes where the flow of most rivers that support life down stream are affected.	Destroying illegal water abstraction in the site. encouraging communities to harvest rain water and use sustainable storage methods.	Volume of waters that flows down stream.	3 years	WARMA, KWS and KFS.	NONE	
4.7	Local conditions affecting physical fabric							
4.7.3	Temperature	Criteria vii and ix. This has gradually changed the landscape since most of the glaciers have melted away exposing new landmasses. Due to temperature changes new species have evolved and existing species can survive in areas where they didn't before.	Reafforestation and protecting indigenous forests	Continuous patrols and surveys on affected areas	On going	Kenya wildlife service and Kenya forest service. Meteorological department.	NONE	
4.8	Social/Cultural uses of heritage							
4.8.4	Changes in traditional ways of life and knowledge system	criteria vii. and ix the social and cultural attributes are affected due to the destruction of cultural sites.	civic education and restoration of sites.	No of cultural events that take place on the site.	continuous	KWS, KFS and National Museums	NONE	
4.8.5	Identity, social cohesion, changes in local population and community	criteria vii and ix. this affects the changes in land use policies around the protected area by the either increase in population or change in the practices in land use.	carrying out conservation education programs	No of awareness programs conducted.	Continuous process so as to ensure that the community is informed of the importance of the site.	KWS through its conservation education and community departments. KFS through its collaboration with the community forest associations.	NONE	
4.9	Other human activities							
4.9.1		Illegal activities						
4.10	Climate change and severe weather events							
4.10.6	Temperature change	criteria vii and ix. Both landscape and ecological processes. This has caused increase in temperature in the site, long dry spells that lead to perennial fires that destroy both fauna and flora.	Reafforestation, education awareness programs and putting up disaster preparedness actions.	carrying out monitoring during extreme weather conditions.	Continuous	KWS and KFS	NONE	
4.10.7	Other climate change impacts	Criteria vii and ix Prolonged rainy or dry spell.	conservation awareness programs	Continuous	Annually	KWS and KFS	NONE	
4.11	Sudden ecological or geological events							
4.11.6		Fire (wildfire)						

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.2	Protective Measures				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	The organization has plans to employ and train more human capital to the site. Site managers also engage several stakeholders to assist in boosting the capacity .	This is a continuous process	KWS and KFS.	Other stakeholders include Rhino Ark and Mt Kenya Trust
5.3	Management System/Management Plan				
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	Engage various administrative bodies both at local and national levels	1year	KWS, KFS and NMK	More education awareness on the importance of collaboration in the management of the site.
5.3.14	An annual work/action plan exists for the property but few of the activities are being implemented	this is due to lack of funds to implement the plans. More budget allocation are being sourced and funding by other stakeholder are a consideration.	Annually- this is according to the financial year of the implementing agency.	KWS and KFS	NONE
6.1	Funding				
6.1.7	Human resources partly meet the management needs of the World Heritage property	Communicate the need to increase the human resources in the site to the Management.	5 years	KWS and KFS	The two organization are the main lead agencies in the management of the site hence should provide this resource.
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	Engage key stakeholders who handle the visitors.	1 year	KWS	Educate the tour operators and hoteliers on the best practices on visitor management.
9.12	The Outstanding Universal Value of the property is not adequately presented and interpreted	Create awareness at all entry points to the site.	1year	KWS	By doing this each person using the site will be aware of the value the site holds

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 impacted by factors described in this report, but this situation is being addressed through effective management actions.**

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.

The site is continuous protected by the state party agencies with this efforts guarantied. More stakeholders are joining in the efforts to conserve the site.

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	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Very positive
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Very positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Very positive
Security	Very positive
Gender equality	Very 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	Very positive
Fostering inclusive local economic development and enhancing livelihood	Very 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

The world heritage status give the site international recognition and any decisions that affect the site are viewed to have a world wide impact. The local authorities consult widely before implementing there decisions. this status also make the site receive funding on conservation and management.

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

The site is managed in collaboration with various stakeholder. the most important of this are the communities that live around and near the site. These communities are involved in the management of the site through community forest associations, community wildlife associations and potters and guides associations. through this groups the communities feel part of the management of the site and also make decisions that will affect the running of the site. this are just a few groups that benefit

directly from the site.

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

Management

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	Fair
Advisory Bodies (ICOMOS, IUCN, ICCROM)	No follow-up

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

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

To monitor and well manage the site in order to preserve the OUVs of 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)

Site Manager/Coordinator World Heritage property staff

Focal points of other international conventions/programmes

Local communities

Indigenous people

Non-Governmental Organizations

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

Gender balance has been **given limited consideration** and implementation is in 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

one month / one month / 2weeks /

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			×	
15.4.2.2	Clarity of questions			×	

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

creation of more that one pothole for people to access the questionnaire for filling purposes.

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	Good
UNESCO (other sectors/field offices)	Fair
UNESCO National Commission	Fair
ICOMOS International	Not applicable
IUCN International	No support
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	No support

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

UNESCO World Heritage Centre	Good
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Fair
National Commission for UNESCO	No support
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	No support
IUCN International	No support

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?

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

No item were proposed for update

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

source of information- site managers, stakeholders including Kenya forest service, county governments, community forest associations, hoteliers and tour operators.

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