

# Lake Turkana National Parks

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property





Lake Turkana National Parks

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Sibilo National Park	4 / 36.333	157085	0	157085	1997
Central Island	3.492 / 36.067	500	0	500	1997
South Island	2.633 / 36.595	3900	0	3900	2001
<b>Total (ha)</b>		<b>161485</b>	<b>0</b>	<b>161485</b>	

### 1.4 - Map(s)

Title	Date	Link to source
Location of Rift Valley Lake Reserves and Lake Turkana National Parks. Site Detail of South island Extension to Sibilo/Central island National Park	2001	
Map 1:250.000 showing the delimitation of South Island National Park	2001	
Map 1:250000 showing the delimitation of Sibilo National Park	2001	
Map 1:250000 showing the delimitation of Central Island National Park	2001	

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

1. [Sibilo National Park \(Kenya Wildlife Service\)](#)
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	<b>International Register of Cultural Property under Special Protection</b> (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✕
2.1.2	<b>List of Cultural Property under Enhanced Protection</b> (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✕
2.1.3	<b>The List of Wetlands of International Importance (The Ramsar List)</b> (Convention on Wetlands of International Importance (Ramsar Convention))		✕
2.1.4	<b>World Network of Biosphere Reserves</b> Man and the Biosphere (MAB) Programme		✕
2.1.5	<b>Global Geoparks Network</b> UNESCO Global Geoparks		✕

### 2.2 - Please provide comments on 2.1 if necessary

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

No

**2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands**

of International Importance (The Ramsar List), if relevant, in the next three years?

No

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

No

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

No

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

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

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

**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**

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

Not aware

**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.**

### 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

Lake Turkana National Parks are constituted of Sibiloi National Park, the South Island and the Central Island National Parks, covering a total area of 161,485 hectares located within the Lake Turkana basin whose total surface area is 7 million ha. The Lake is the most saline lake in East Africa and the largest desert lake in the world, surrounded by an arid, seemingly extraterrestrial landscape that is often devoid of life. The long body of Lake Turkana drops down along the Rift Valley from the Ethiopian border, extending 249 kilometers from north to south and 44 km at its widest point with a depth of 30 meters. It is Africa's fourth largest lake, fondly called the Jade Sea because of its breathtaking color.

The property represents unique geo-morphological features with fossil deposits on sedimentary formations as well as one hundred identified archaeological and paleontological sites. There are numerous volcanic overflows with petrified forests. The existing ecological conditions provide habitats for maintaining diverse flora and fauna.

At Kobi Fora to the north of Allia Bay, extensive paleontological finds have been made, starting in 1969, with the discovery of *Paranthropus boisei*. The discovery of *Homo habilis* thereafter is evidence of the existence of a relatively intelligent hominid two million years ago and reflect the change in climate from moist forest grassland when the now petrified forest were growing to the present hot desert. The human and pre-human fossils include the remains of five species, *Australopithecus anamensis*, *Homo habilis/rudolfensis*, *Paranthropus boisei*, *Homo erectus* and *Homo sapiens* all found within one locality. These discoveries are important for understanding the evolutionary history of the human species.

The island parks are the breeding habitats of the Nile crocodile *Crocodylus niloticus*, the hippopotamus amphibious and several snake species. The lake is an important flyway passage and stopover for palaeartic migrant birds.

**Criterion (viii):** The geology and fossil record represents major stages of earth history including records of life represented by hominid discoveries, presence of recent geological process represented by volcanic erosional and sedimentary land forms. This property's main geological features stem from the Pliocene and Holocene periods (4million to 10,000 years old). It has been very valuable in the reconstruction of the paleo-environment of the entire Lake Turkana Basin. The Kobi Fora deposits contain pre-human, mammalian, molluscan and other fossil remains and have contributed more to the understanding of human ancestry and paleo-environment than any other site in the world.

**Criterion (x):** The property features diverse habitats resulting from ecological changes over time and ranging from terrestrial and aquatic, desert to grasslands and is inhabited by diverse fauna. In situ conservation within the protected areas includes threatened species particularly the reticulated giraffe, lions and gray zebras and has over 350 recorded species of aquatic and terrestrial birds. The island parks are the breeding habitats of the Nile crocodile, *Crocodylus niloticus*, the hippopotamus amphibious and several snake species. Furthermore, the lake is an important flyway passage and stopover for palaeartic migrant birds, with the South Island Park also being designated as an important bird area under Birdlife International. The protected area around Lake Turkana provides a large and valuable laboratory for the study of plant and animal communities.

Remoteness has preserved the area as a natural wilderness. On the grassy plains yellow speargrass *Imperata cylindrica*, *Commiphora* sp., *Acacia tortilis*, and other acacia species predominate along with *A. elatior*, desert date *Balanites aegyptiaca* and doum palm *Hyphaene coriacea* in sparse gallery woodlands. *Salvadora persica* bush is found on Central and South Islands. The muddy bays of South Island have extensive submerged beds of *Potamogeton pectinatus* which shelter spawning fish. The principal emergent macrophytes in the seasonally exposed shallows are the grasses *Paspalum geminatum* and *Sporobolus spicatus*.

###### Integrity

The property covers a total area of 161,485 ha. The area around the property is sparsely populated due to its isolated location, inadequate freshwater and national protection status. It is an important habitat for hippopotamus and the world's largest colony of crocodiles (and the largest Nile crocodile breeding ground in the world). Physical evidence through scientific studies indicate the area's continued support for habitation of flora and fauna of diverse species over millions of years to the present. In addition, volcanic eruptions and extensive lava flows, geological faulting within the Great Rift Valley, and the formation of sedimentary deposits have assured preservation of fossil remains, which are significant in understanding the history of life especially human evolution. The adjacent Mount Kulal Biosphere Reserve serves as a water shed for the Lake Turkana Basin and as a wildlife dispersal area. It thereby assures the protection of the biological and natural processes making it an important site for avian habitation and migration, particularly water birds.

The area is managed under two State Acts ensuring protection, conservation and sustainability of the environment and addressing for example. post-archaeological excavation, illegal grazing, poaching and over fishing.

###### Protection and management requirements

The property enjoys the highest level of legal protection by both the Kenya Wildlife Act cap 376 as well as the Antiquities and Monument Act cap 215 (currently the National Museums and Heritage Act of 2006) under Kenyan legislation. Sibiloi National Park was legally designated as a national park in 1973 whereas South and Central Islands were legally designated in 1983 and 1985 respectively. The property is co-managed by Kenya Wildlife Service (KWS) and the National Museums of Kenya (NMK).

Following the extension of the property in 2001, a first management plan was developed for the period of 2001 to 2005. The long term planning foresees the development of an integrated management plan for the area. Formalization of the existing collaboration between KWS and NMK and other stakeholders through a Memorandum of Understanding will be necessary for the successful implementation of the plan.

Challenges and potential threats have been identified: these include severe droughts, livestock encroachment into the property, impacts from climate change, poaching, siltation, receding water level, human-wildlife conflicts and poor infrastructure in the area. Mitigation measures and strategies are required for the sustainable long-term management of the property and the development of an integrated management plan taking into account reforestation, law enforcement, education and awareness-raising, alternative livelihoods, resource mobilization and appropriate forms of infrastructure development (roads, electricity, telecommunication, etc.).

#### 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	Unique Geo-morphological features	✗			
3.2.2	Pre- historic landscapes (paleontological and archaeological) and	✗			

3.2.3	Ecological integrity		×		
3.2.4	Diverse fauna and flora		×		
3.2.5	Geological and fossilized land-forms	×			
3.2.6	Natural wilderness and Remotest landscapes		×		
3.2.7	Flyway passage and stopover for palaearctic and migrant birds	×			
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

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

- Not relevant

Relevant	×
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#### 4.1.2 - Commercial development

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

- Not relevant

Relevant	×
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#### 4.1.3 - Industrial areas

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

- Not relevant

Relevant	×
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#### 4.1.4 - Major visitor accommodation and associated infrastructure

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

- Not relevant

Relevant	×
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#### 4.1.5 - Interpretative and visitation facilities

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

- Relevant, Positive, Current, Inside

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

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

The factors above do not apply to lake turkana national parks since there are no mushrooming developments in the region The area is still generally virgin and the area is still remote

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

#### 4.2.2 - Underground transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

#### 4.2.3 - Air transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

#### 4.2.4 - Marine transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

#### 4.2.5 - Effects arising from use of transportation infrastructure

Relevant

✕ Not relevant

#### 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

Water transport in the the lake turkana property is not also much developed. What we currently have within the protected areas is the boats purely for management purposes, outside the property we have canoes and dhows that have insignificant impact on the property.

### 4.3. Services Infrastructures










#### 4.3.1 - Water 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 ✕	✕			✕			

#### 4.3.2 - Renewable energy facilities

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

- Not relevant

Relevant

✕ Not relevant

#### 4.3.3 - Non-renewable energy facilities

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

- Not relevant

Relevant

✕ Not relevant

#### 4.3.4 - Localised utilities

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

- Not relevant

Relevant

✕ Not relevant

#### 4.3.5 - Major linear utilities

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

- Not relevant

Relevant

✕ Not relevant

#### 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

4.3.1 Water infrastructure is also less developed within the properties, However we have water tanks and man-made dams that are purely for subsistence use and for community outside the property.

#### 4.4. Pollution

##### 4.4.1 - Pollution of marine waters

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 ✕		✕		✕			

##### 4.4.2 - 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):

- Relevant, Negative, Current, Outside

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

##### 4.4.4 - Air pollution

Previous answer Cycle 2 (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 ✕		✕		✕			

##### 4.4.5 - Solid waste

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 ✕		✕		✕			

##### 4.4.6 - 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

#### 4.5. Biological resource use/modification

##### 4.5.1 - Fishing/collecting aquatic resources

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

- Relevant, Negative, Current, Inside, Outside

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

##### 4.5.2 - Aquaculture

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

- Not relevant

Relevant	✕ Not relevant
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##### 4.5.3 - Land conversion

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

- Not relevant

Relevant	✕ Not relevant
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##### 4.5.4 - Livestock farming/Grazing of domesticated animals

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 ✕	✕		✕				

##### 4.5.5 - Crop production

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

- Not relevant

Relevant	✕ Not relevant
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##### 4.5.6 - Commercial wild plant collection

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

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

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

Positive						
Negative						

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (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, Inside, 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):

- Not relevant

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

depletion of wildlife species within the property impacting on ecological integrity

### 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, Negative, Current, Outside

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

#### 4.7. Local conditions affecting physical fabric

##### 4.7.1 - Wind

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

- Relevant, Negative, Current, Inside, Outside

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

##### 4.7.2 - 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):

- Not relevant

Relevant	✕ Not relevant
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##### 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):

- Relevant, Negative, Current, Inside

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

##### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (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**

#### 4.8. Social/Cultural uses of heritage

##### 4.8.1 - Ritual/Spiritual/Religious and associative uses

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









- Not relevant

Relevant	✕ Not relevant
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##### 4.8.2 - Society's valuing of heritage

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

- Relevant, Negative, Current, Inside, 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, Negative, Current, Inside, 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, Potential, 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):

- Not relevant

Relevant	✕ Not relevant
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#### 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

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

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

- Relevant, Negative, Current, Inside, 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):

- Relevant, Negative, Current, Inside, Outside

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

##### 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):

- Relevant, Negative, Current, Inside, Outside

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

##### 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

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

#### 4.10.3 - Drought

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

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.4 - Desertification

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

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.5 - Changes to oceanic waters

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

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.6 - Temperature change

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

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.7 - Other climate change impacts

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

- Not relevant

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

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

**4.11. Sudden ecological or geological events**

**4.11.1 - Volcanic eruption**

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

- Relevant, Negative, Potential, Inside

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

**4.11.2 - Earthquake**

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

- Relevant, Negative, Potential, Inside, Outside

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

**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):

- Relevant, Negative, Current, Inside, Outside

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

**4.11.6 - Fire (wildfire)**

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

- Relevant, Negative, Potential, Inside, 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**

**4.12. Invasive/alien species or hyper-abundant species**

**4.12.1 - Translocated 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 ✕		✕		✕			

**4.12.2 - Invasive/Alien terrestrial species**

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

- Relevant, Negative, Potential, Inside, Outside

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

**4.12.3 - Invasive/Alien freshwater species**

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

- Relevant, Negative, Potential, Inside, Outside

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

**4.12.4 - Invasive/Alien marine species**

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

- Relevant, Negative, Potential, Inside, Outside

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

**4.12.5 - Hyper-abundant species**

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

- Relevant, Negative, Potential, Inside, Outside

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

#### 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**










#### 4.13. Management and institutional factors

##### 4.13.1 - Management system/Management plan

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










##### 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, Inside, Outside

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

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










##### 4.13.5 - Financial resources

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

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

##### 4.13.6 - Human resources







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

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

#### 4.13.7 - Low impact research/monitoring activities

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

- Relevant, Positive, Current, Inside, Outside

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

#### 4.13.8 - High impact research/monitoring activities

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

- Relevant, Negative, Potential, Inside, Outside

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

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
























4.14. Other factor(s)

##### 4.14.1 - Other factor(s)

The recent changes in the water levels in Lake Turkana has a significant effect on the biodiversity, both on fauna and flora. The water levels have been rising; a natural phenomenon being experienced in entire Kenya's Great Rift Valley Lakes. The ecological integrity of the surrounding landscapes will also be compromised.

4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.5 Interpretative and visitation facilities						
4.3 Services Infrastructures						
4.3.1 Water infrastructure						
						
4.4 Pollution						
4.4.1 Pollution of marine waters						
						
4.4.3 Surface water pollution						
						
4.4.4 Air pollution						
						
4.4.5 Solid waste						
						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
						
4.5.4 Livestock farming/Grazing of domesticated animals						



						
4.5.6 Commercial wild plant collection						
						
4.5.7 Subsistence wild plant collection						
						
4.5.9 Subsistence hunting						
						
4.6 Physical resource extraction						
4.6.4 Water (extraction)						
						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
						
4.7.7 Pests						
						
4.8 Social/Cultural uses of heritage						
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						
						
4.9 Other human activities						
4.9.1 Illegal activities						
						
4.9.2 Deliberate destruction of heritage						
						
4.9.4 War						
						
4.10 Climate change and severe weather events						
4.10.2 Flooding						
						
4.10.3 Drought						
						
4.10.4 Desertification						
						
4.10.5 Changes to oceanic waters						
						
4.10.6 Temperature change						
						

4.11 Sudden ecological or geological events						
4.11.1 Volcanic eruption						
4.11.2 Earthquake						
4.11.5 Erosion and siltation/Deposition						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 Translocated species						
4.12.2 Invasive/Alien terrestrial species						
4.12.3 Invasive/Alien freshwater species						
4.12.4 Invasive/Alien marine species						
4.12.5 Hyper-abundant species						
4.13 Management and institutional factors						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
<b>Legend</b> 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
4.1.5 Interpretative and visitation facilities			

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

### 4.3 Services Infrastructures




Name	Impact			Origin		Trend
4.3.1 Water infrastructure						
						
<b>Spatial scale - Area affected by the factor</b>						
	Restricted					
✕	Localised					
	Extensive					
	Widespread					
<b>Temporal scale - Occurrence of the impact</b>						
	One off or rare					
	Intermittent or sporadic					
✕	Frequent					
	On-going					
<b>Impact - Impact on the attributes</b>						

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

## 4.4 Pollution

Name	Impact			Origin		Trend
4.4.1 Pollution of marine waters						
	⊖		📢		🔄	

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

Name	Impact	Origin	Trend
4.4.3 Surface water pollution			
			

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

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

#### Temporal scale - Occurrence of the impact

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

#### Impact - Impact on the attributes

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

#### Management response - Capacity of management to respond

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

#### Trend - Development over the last 6 years

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

Name	Impact	Origin	Trend
4.4.4 Air pollution			
			



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

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

#### Temporal scale - Occurrence of the impact




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

Impact - Impact on the attributes	
	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
4.5.4 Livestock farming/Grazing of domesticated animals						
						

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




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

Name	Impact			Origin		Trend
4.5.6 Commercial wild plant collection						

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




## 4.6 Physical resource extraction

Name	Impact			Origin		Trend
4.6.4 Water (extraction)						

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

	Decreasing
	Static
✕	Increasing

#### 4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.1 Wind			
	 	 	

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

✕	Restricted
	Localised
	Extensive
	Widespread

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

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

##### Impact - Impact on the attributes



	Insignificant
✕	Minor
	Significant
	Major

##### Management response - Capacity of management to respond

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

##### Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.7.7 Pests			
	 		





##### 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
4.8.2 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
<b>Trend - Development over the last 6 years</b>	
	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
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

## 4.9 Other human activities





Name	Impact			Origin		Trend
4.9.1 Illegal activities						
						

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

Name	Impact			Origin		Trend
4.9.2 Deliberate destruction of heritage						
						

<b>Spatial scale - Area affected by the factor</b>						
	Restricted					
✕	Localised					
	Extensive					

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




Name	Impact	Origin	Trend
4.9.4 War			
			
			

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








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

#### 4.10 Climate change and severe weather events





Name	Impact	Origin	Trend
4.10.2 Flooding			
	 	 	

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

Name	Impact	Origin	Trend
4.10.3 Drought			
	 	 	





<b>Spatial scale - Area affected by the factor</b>	
	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
4.10.4 Desertification						
						

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
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.10.5 Changes to oceanic waters			
	 	 	





<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
✕	Extensive
	Widespread

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

<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major

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

<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.10.6 Temperature change			
	 	 	





<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised

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

#### 4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.1 Volcanic eruption			
			
<b>Spatial scale - Area affected by the factor</b>			
✕	Restricted		
	Localised		
	Extensive		
	Widespread		
<b>Temporal scale - Occurrence of the impact</b>			
✕	One off or rare		
	Intermittent or sporadic		
	Frequent		
	On-going		
<b>Impact - Impact on the attributes</b>			
✕	Insignificant		
	Minor		
	Significant		
	Major		
<b>Management response - Capacity of management to respond</b>			

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

Name	Impact	Origin	Trend
4.11.2 Earthquake			
			 





<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	Widespread

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

<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major

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

<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.11.5 Erosion and siltation/Deposition						
						

<b>Spatial scale - Area affected by the factor</b>	
	Restricted


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

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						

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

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
✕	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

Name	Impact			Origin		Trend
4.12.3 Invasive/Alien freshwater species						

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



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




Name	Impact	Origin	Trend
4.12.4 Invasive/Alien marine 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
4.12.5 Hyper-abundant species			
			 

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

#### 4.13 Management and institutional factors

Name	Impact			Origin		Trend
4.13.2 Legal framework						

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

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




Name	Impact			Origin		Trend
4.13.3 Governance						

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
✕	Extensive
	Widespread

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

<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major

<b>Management response - Capacity of management to respond</b>	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	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 - 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
4.13.5 Financial resources						

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



Name	Impact	Origin	Trend
4.13.6 Human resources	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	Widespread

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

<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major

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

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	 	 	

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

Name	Impact			Origin		Trend
4.13.8 High impact research/monitoring activities						

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

	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	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**

#### 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	Unique Geo-morphological features	✕			
4.18.1.2	Pre- historic landscapes	✕			
4.18.1.3	Ecological integrity		✕		
4.18.1.4	Diverse Fauna and flora		✕		
4.18.1.5	Geological and Fossilized land forms		✕		

### 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 **do not limit the ability to maintain** the property's Outstanding Universal Value but they **could be improved**

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

The boundaries **are known** by the management authority **but are not known** by local communities/landowners

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

The property has **no buffer zone, but there is a need for one**

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

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

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

Most of the lake Turkana world heritage property do not have buffer zones. even the island parks do not have clear zones that act as the corridors or the buffer zones that act as cushions to the protected area.

#### 5.2. Protective Measures

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

Sibilo National Park was established by Legal Notice No. 160 and Boundary Plan No. 204147. The South Island National Park was established by Gazette Notice No. 12 of 26 January 1983, Boundary Plan No. 204154. Central Island was established by Gazette Notice No. 18 of 26 January 1983, Boundary Plan No. 204153. Kenya Wildlife Service, a government parastatal, was established under the Wildlife Conservation and Management (Amendment) Act of 1989, Cap 376, Section 3.

Source: 2001 Nomination, par. 4.b

**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?**

An **adequate legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

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

The property has **no buffer zone**

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

An **adequate legal framework** exists for the broader setting of the World Heritage property, **but there are some deficiencies in implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

**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**

The legislation in place are adequate. However external forces especially from the communities and civil groups hinder its full enforcement and implementation. The Management Plan for the property has been formulated as part of the legal tools for the management of the property.

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

There is needs to be an inter-agency collaboration from all parties and stakeholders to enforce and capacity - build institutions that engage in reviewing the legislation and to ensure they implement and enforce them.

**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 joint national/ local

If 'Other', please specify

NA


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

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property
A code of practice developed by local communities or other groups
A management plan

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

The management plan that exists for the property was arrived at using a participatory approach where the views of the public and thus the communities surrounding the property were collected and incorporated in the management. This means that communities, stakeholders, and government entities were/are brought in the management of the property.

**5.3.4 - Management Documents**

Title	Status	Available	Date	Link to source
Sibiloi/Central Island World Heritage Sites National parks. Managemert Plan: 2002-2006 DRAFT	N/A	Available	2002	

**Comment**

Lake Turkana National Parks (Sibiloi, Central Island and South Island )Management Plan, 2018-2028 was Gazetted in 2019 and therefore a legal instrument for implementation and enforcement

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

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

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

N/A

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

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

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

No significant use has been made on the climate change policy. the only use that has been made and implemented is on the community education and awareness creation. Policy requires concerted efforts in terms of financial resources and capacity building

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

**No use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

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



been done

N/A

**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 **only partially adequate** to maintain the property's Outstanding Universal Value

**5.3.13 - Is the management system being implemented?**

The management system is being **only partially implemented**

**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	civil groups like friends of lake turkana				

**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	Friends of lake turkana				

**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

Livelihood project are developed by the management of the property for especially women and some community groups in illeret and loiyangalani.

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

Further actions plans needs to be developed for the management of the property and to assure the local communities of the need to be integrated in the future planning and the implementation of the agreed actions or plans.

## 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.)	5 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	2 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	5 %	0 %
6.1.1.6	Governmental (national/federal)	60 %	60 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	00 %	10 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	10 %	20 %
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.)	18 %	10 %
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

The USAID provided funds for the preparation of a management plan for sibiloi, central and south island national parks. The plan was completed, though partially being used to manage the property.

### 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 **not secure**

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

Funds from the national government have been trickling in small bits but not enough for the operationalization of the management plan and management of the property. There is a need to mobilize for more resources from both government, development partners, and others including from World Heritage Convention funding mechanisms to assist in securing the property.

### 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	80 %	80 %
6.1.6.2	Women	20 %	20 %
		Total 100 %	Total 100 %

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

Human resources are **inadequate** for management needs

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

Conservation	Good
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Poor
Capacity development and education	Poor
Administration	Fair
Research and monitoring	Not available
Awareness raising and public information/communication	Fair
Marketing and promotion	Poor
Interpretation	Fair
Visitor management/tourism	Fair
Enforcement (custodians, police)	Good

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

Conservation	Poor
Environmental sustainability	Poor
Community participation and inclusion	Not available
Risk preparedness	Not available
Capacity development and education	Poor
Administration	Poor
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Fair
Interpretation	Poor
Visitor management/tourism	Fair
Enforcement (custodians, police)	Good

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

**Some 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.

In the recent years there are indicators for the world heritage strategy to capacity build managers especially now that the managers have been incorporated in the periodic reporting of cycle 3. more efforts have to be done to deliberately train and capacity build the site managers for ease of managing the property.

#### 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?

There is **no site-based** capacity building plan or programme in place; management is implemented by external staff and skills are not transferred

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

Site specific development plans **MUST** be put in place to assure sustainability of the property.

### 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 **acceptable** for most key areas but there are gaps

#### 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

Elaborate programmes on research are present, but there is need to advance it to another level and share it widely with the adjacent communities and stakeholders for sustainability, due to the remoteness of the property there is less undertaking of the research activities in the property,

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

### 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 **limited and ad hoc education** and awareness programme for children and/or youth

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

Local communities
Local/municipal authorities
Indigenous peoples
Landowners
Women
Youth/children
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs
Other specific groups
formal and traditional elders

### 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	Not provided but needed
Site museum	Good
Information booths	Not provided but needed
Guided tours	Poor

Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Good
Transportation facilities	Poor
Other	Fair
If 'Other' is selected, please specify	boats

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

some efforts are in place to improve the visitor facility and also to improve the accommodation facilities

## 9. Visitor Management

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

approximately 1100 visitors pa / approximately 500 visitors pa / approximately 550 visitors per annum / approximately 800 visitors per annum / approximately 1000 visitors per annum /

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

Entry tickets and registries
Accommodation establishments
Transportation services
Tourism industry
Visitor surveys
Other
brochures and interviews

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

Overnight stay

### 9.4 - Please provide the source of information

brochures and questionnaires

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

100 USD / 100 UDD / N/A / 50 USD / N/A / 20 USD /

### 9.6 - Please provide the source of information

Entry tickets and accommodation registers or bookings

### 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

There exist the strategy for the visitor management, but implementation of the strategy is basically hindered by inadequate funds and human resource especially the tourism experts to undertake the same.

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

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

### 9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Routine management checks

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

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

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

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

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

In **many locations**, but **not 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

traditomal artifacts, museums and cultural activities

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

Yes

If 'Yes', please specify

through corporate social responsibility

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

International and regional visitations are more than the local ones. Most of the local people have no adequate information, hence less visitations from them to the property.

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 small amount of monitoring, but it is not planned

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

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

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Fair
Local communities	Fair
Indigenous peoples	Poor
Landowners	Poor
Women	Poor
Researchers	Fair
Tourism industry	Good
Local businesses and industry	Poor
NGOs	Fair
Other specific groups	Fair
If you selected 'Other specific groups', please specify	civil groups

## 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.

Due to remoteness and the vastness of the area, the recommendation of the property are less implemented and addressed. Planning is mostly tedious and involves many agencies due to security and poor infrastructure.

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

No comment

## 11. Identification of Priority Management Needs

### 11.1 - Identification of Priority Management Needs

5.1	<b>Boundaries and Buffer Zones</b>	
5.1.2	The boundaries of the World Heritage property <b>are known</b> by the management <b>authority but are not known</b> by local communities/landowners	
5.1.3	The property has <b>no buffer zone, but there is a need for one</b>	
5.1.4	The property has <b>no known and recognised buffer zone</b>	
5.2	<b>Protective Measures</b>	
5.2.3	An <b>adequate legal framework</b> for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b>	
5.2.4	The property has <b>no buffer zone</b>	
5.2.5	An <b>adequate legal framework</b> exists for the broader setting of the World Heritage property and the buffer zone, <b>but there are some deficiencies in implementation</b> which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.2.6	There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
5.3	<b>Management System/Management Plan</b>	
5.3.5	<b>No use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	<b>Some use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	
5.3.12	The management system/plan is <b>only partially adequate</b> to maintain the property's Outstanding Universal Value	
5.3.13	The management system at the property is <b>only being partially implemented</b>	
5.3.14	An annual work/action plan <b>exists for the property but few of the activities are being implemented</b>	
5.3.17	<ul style="list-style-type: none"><li>• In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to gender equality</b></li><li>• In a <b>limited manner</b>, the management system of the World Heritage property does <b>integrate a human rights-based approach</b></li></ul>	
6.1	<b>Funding</b>	
6.1.3	The available <b>budget is inadequate</b> for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	
6.1.4	Existing sources of funding are <b>not secure</b>	
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property	✗
6.1.10	<b>Some use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	There is <b>no site-based</b> capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	✗
7	<b>Scientific Studies and Research Projects</b>	
7.2	There is <b>considerable research</b> in the World Heritage property but it is <b>not directed towards management needs and/or improving understanding of Outstanding Universal Value</b>	
7.3	Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies	✗
8	<b>Education, Information and Awareness Building</b>	
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	✗
9	<b>Visitor Management</b>	
9.7	There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>	
10	<b>Monitoring</b>	

10.1	There is a <b>small amount of monitoring</b> at the World Heritage property, but it is not planned	
10.2	Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>	X

Please select 5 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

4.5	Biological resource use/modification						
4.5.4	Livestock farming/Grazing of domesticated animals	Criteria (vii) to protect and harbour the unique and great natural biodiversity and areas of exceptional natural scenic and aesthetical significance	Livestock drive outside the property,application of existing national laws and regulation, community engagement and inter- collaboration with other state machinery like police and county government, political support and promote conservation policy	Routine patrols, monitoring of livestock incursion, reporting of incidences and recording data for future reference	Continuous according to the existence of the World Heritage property.	Kenya Wildlife Service, county government of Marsabit and Turkana and National Museums of Kenya and the National government	Natural calamities like drought strike and communities are affected outside the property, requires Mgt intervention. incursion coupled with poaching displaces biodiversity richness. overgrazing collapses the ecosystem borders and allows incursion.
4.6	Physical resource extraction						
4.6.4	Water (extraction)	Criteria (vii) Reduces the the inflow of fresh water into the property and changing the PH of the resources and hence affects the lakes ecology and thus affecting the survival of most aquatic life.	Formation of inter-state discussions, collaboration, and reactive missions. Craetion of community awareness programmes from both state parties.	international institutions( UNESCO and IUCN) are currently on track and engaging both state parties to conduct assessment and the reactive missions, so as to realize some improvements.	its on-going for the last six years	KWS NMK UNESCO IUCN AWHF Regional and County governments, Regi	This a difficult task since it involve two state parties , but we hope the international institutions will intervene for better results.
4.8	Social/Cultural uses of heritage						
4.8.2		Society's valuing of heritage					
4.8.4		Changes in traditional ways of life and knowledge system					
4.8.5		Identity, social cohesion, changes in local population and community					
4.10	Climate change and severe weather events						
4.10.2		Flooding					
4.10.3	Drought	Criteria (vii) to contain and protect the most significant natural habitats for biodiversity conservation and management.	Range management and property zoning Local community engagement through education and awareness creation Develop adaptation measures and mitigation strategies inline with PA mgt plan	Liase with National Agencies on Climate Change monitorind and surveillance Routine patrols and checks Periodic research activities by lead agencies and stakeholders Annual stock check exercise	On-going according to the existence of the Property	Kenya Wildlife Service NMK UNESCO IUCN Government and the state parties that are the signatories	This is a Natural phenomena and in most cases if it happens, less will be done. It will threaten the existence of the property and its OUV



				Periodic reactive and advisory missions			
4.10.5	Changes to oceanic waters	Criteria (vii) to contain the most unique natural and aquatic biodiversity in the Lake Turkana Ecosystem.	Undertake Proactive research to determine the levels of the changes in the water PH of oceanic waters. Involve state parties to intervene and possibly enhance further collaboration	Work with the research institutions that will tailor activities that will adapt data that is geared towards the survival of biodiversity.	It should be immediate and depending on the time the oceanic changes take place and the lifespan of the property	KWS NMK UNESCO IUCN	The factor is attached to the climate change phenomena and hence its unpredictable. When it occurs, mostly nothing is done at that stage.
4.10.6	Temperature change	criteria (vii) to contain the micro-organism that are food to wildlife that could have died as a result of high temperatures. To contain reduction in water levels through evaporation.	Undertake research to collect temperature data to enhance decision making.	Monitor water PH and water levels constantly to understand the change in temperatures to adapt mitigation strategies	For the lifetime of the Protected Area/ property	Meteorological department of Marsabit and Turkana counties KWS NMK	Temperature change is an imminent phenomena that is attached to climate change and its a threat to the sound operation of the property
4.11	Sudden ecological or geological events						
4.11.5	Erosion and siltation/Deposition	Criteria (vii) to contain and protect the micro and macro-organism that live in the soil and aquatic life that could otherwise be killed and the habitat lost.	Develop soil erosion strategies that are sustainable. Embrace inter-agency collaboration and adhere to government policies, laws, and regulations. Involve community around the property to adapt sound policies on agriculture and land tenure	Work closely with relevant National agencies soil management and land tenure to pick out areas of concerns and report them to the lead agency for proper adaptation mechanisms	During the lifetime of the property.	National Government institutions on Soil and agriculture management KWS NMK UNESCO	This factor is also attached indirectly and directly to climatic change. Sometimes this is unpredictable and do occur in the magnitudes that are unbearable. the bigger portion of erosion activities occur at the omo delta which will indirectly affect

Question not completed

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

6.1		Funding				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment	
6.1.7		Human resources <b>are inadequate</b> for the management needs of the World Heritage property	Ensure that the staff strength is beefed up and entire establishment for the manpower is maintained	10 years	KWS NMK	There is already an existing human resource manual and rationalization establishment. its therefore prudent that its supported and implemented
6.1.12		There is <b>no site-based</b> capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	A programme on a site- based capacity building should be developed and implemented. Skill transfer should be encouraged.	10 years	KWS NMK	Community - based site plans must be encouraged to ensure the sustainability of the property is assured. these are the people who are leaving adjacent to the property
7		Scientific Studies and Research Projects				
7.3		Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or	Encourage international agencies to come and undertake research activities within the property and to support the WHS in disseminating research results to community and national entities	10years	KWS NMK UNESCO IUCN	Develop international outreach programme that are property tailor made and to ensure that restrictions are not imposed on the international researchers

	international agencies				
<b>8</b>	<b>Education, Information and Awareness Building</b>				
<b>8.2</b>	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	Establish viable education centre within the property and ensure that the centre has community and extension programmes designed for the children, youth and the mature generation	five years	KWS NMK Ministry of tourism and wildlife	Once the education programme has been designed, then its wise to plan appropriately so that areas that benefit from these extension programme are well covered.
<b>10</b>	<b>Monitoring</b>				
<b>10.2</b>	Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>	Monitoring and evaluation of the key attributes of the property is important and there a monitoring programme in the property must be key in its activities schedules	IMMEDIATELY AND IT SHOULD BE CONTINUOUS ACCORDING TO THE LIFETIME OF THE PROPERTY	KWS NMK UNESCO	information on UOV must be monitored and shared with key agencies in order to provide the right way for the decision making

Summary - Management Needs completed

### 12.3. Conclusions on the State of Conservation of the Property

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

The Authenticity of the World Heritage property **has been compromised** by factors described in this report

#### 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 **has been compromised** by factors described in this report

#### 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 impacts on the outstanding universal value and the general property are insignificant and hence they (properties) are more intact and still being preserved despite the negative factors. However there are more negotiation and collaboration within the state parties to address some of the negative impacts caused by some projects in the two countries.

### 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	Positive
Research and monitoring	Positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	No impact
Legal/Policy framework	Very positive

Advocacy	Very positive
Institutional coordination	Positive
Security	Positive
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Positive
Other	No impact
If 'Other', please specify	state parties collaboration and co-operation

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

The main impacts to the world heritage property is impacts emanating from the inflow of water to the world heritage property- Lake Turkana. This involves the co-ordination/ collaboration of the state parties, which is really a tedious exercise that will involve bureaucracy and consultation with the highest echelons of the two state parties.

## 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

National government ministries have joined and formed synergies to the protect and preserve the property- KWS, NMK, Provincial administration and Kenya Coast Guard Service and National police service. Development of Management Plan for the three protected areas- sibiloi, central and south island. Elaborate research by National Museums of Kenya on assessment and monitoring of cultural sites within the property. Opening of security bases with infrastructure like communication equipment to monitor negative effects especially on livestock grazing and vandalism of property sites. Recent devolution which has given the county government to own up the world heritage property. State parties accepting to have collaborative reactive missions together. Local communities accepting to have management discussion meetings together.

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

Sustainable Development
Synergies
State of Conservation
Management
Governance
Capacity Building

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

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

The <i>World Heritage Convention</i>
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	No follow-up
Site Managers	No follow-up
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Good

## 15.2. Use of Data

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

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

Update of management plans

Fundraising

Awareness raising

Advocacy

Other

o in the removal of the property of the RED list

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

The data in the periodic reporting is all an inclusive tool and has increasingly improved the understanding of the property to the site managers for the effective management. The tool can be used to generate the data that will benefit all the key stakeholders that are responsible for the property.

## 15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

Focal points of other international conventions/programmes

Responsible persons for local designated sites under other international conventions/ programmes

Staff from other World Heritage properties

UNESCO National Commission

Local communities

Indigenous people

Other specific groups

Friends of lake Turkana

Non-Governmental Organizations

ICOMOS International

ICOMOS national/regional

IUCN International

IUCN national/regional

External experts

Other

Youth

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

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

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

Yes

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

Two months / one month / Two months /

### 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

1. Site managers were not easily accessible to the data and the questionnaire in advance. Please site managers of the three protected areas need to have the data and get the questionnaire two months in advance, 2. Some small funds need to be set aside for the site managers to be able to organize and raise awareness and bring some groups together, so as to gather some information that will be used in filling the forms. 3. More exposure and training, need to be done for the site managers.

## 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)	Good
UNESCO National Commission	Good
ICOMOS International	Good
IUCN International	Fair
ICCROM international/regional	Good
ICOMOS national/regional	Fair
IUCN national/regional	Good

### 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)	Good
National Commission for UNESCO	Fair
ICOMOS International	Good
ICCROM International/regional	Good
ICOMOS national/regional	Good
IUCN national/regional	Good
IUCN International	Good

### 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?

Though the online resources were adequate, there is need for the site managers to have the information prior to the periodic reporting. Where there is a joint management of the property, then all the site managers responsible should be included in the filling of the questionnaires for ownership of the information that will be availed in the questionnaire.

## 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

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