

# iSimangaliso Wetland Park

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

iSimangaliso Wetland Park

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
iSimangaliso Wetland Park	-27.839 / 32.55	239566	0	239566	1999
Total (ha)		239566	0	239566	

### 1.4 - Map(s)

Title	Date	Link to source
Component Areas of the Nominated Site	1998	

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

1. [iSimangaliso Wetland Park](#)

## 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

No comments

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

No

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

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?**

Yes

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

No

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

2.7.1	<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.	
2.7.2	<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.	
2.7.3	<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.	
2.7.4	<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.	
2.7.5	<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)

2.7.5 is not applicable as there no designated UNESCO Geoparks in iSimangaliso Wetland Park.

## 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?

Not aware

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

Not applicable.

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

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.

Not applicable

## 3. Statement of Outstanding Universal Value

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

#### Statement of Outstanding Universal Value

##### Brief synthesis

The iSimangaliso Wetland Park is one of the outstanding natural wetland and coastal sites of Africa. Covering an area of 239,566 ha, it includes a wide range of pristine marine, coastal, wetland, estuarine, and terrestrial environments which are scenically beautiful and basically unmodified by people. These include coral reefs, long sandy beaches, coastal dunes, lake systems, swamps, and extensive reed and papyrus wetlands, providing critical habitat for a wide range of species from Africa's seas, wetlands and savannahs. The interaction of these environments with major floods and coastal storms in the Park's transitional location has resulted in continuing speciation and exceptional species diversity. Its vivid natural spectacles include nesting turtles and large aggregations of flamingos and other waterfowl.

**Criterion (vii):** iSimangaliso is geographically diverse with superlative scenic vistas along its 220 km coast. From the clear waters of the Indian Ocean, wide undeveloped sandy beaches, a forested dune cordon and a mosaic of wetlands, grasslands, forests, lakes and savannah, the park contains exceptional aesthetic qualities. Three natural phenomena are judged outstanding. One is the shifting salinity states within Lake St. Lucia which are linked to wet and dry climatic cycles, with the lake responding accordingly with shifts from low to hyper-saline states. A second is the spectacle of large numbers of nesting turtles on the beaches and the abundance of dolphins and migration of whales and whale sharks off-shore. Finally, the huge numbers of waterfowl and large breeding colonies of pelicans, storks, herons and terns are impressive and add life to the wild natural landscape of the area.

**Criterion (ix):** The combination of fluvial, marine and aeolian processes initiated in the early Pleistocene in iSimangaliso has resulted in a variety of landforms and continues to the present day. The Park's transitional geographic location between sub-tropical and tropical Africa as well as the coastal setting have resulted in exceptional species diversity. Past speciation events in the Maputaland Centre of Endemism are also ongoing and contribute another element to the diversity and interplay of evolutionary processes at work in iSimangaliso. In the marine component of the site, the sediments being transported by the Agulhas current are trapped by submarine canyons on the continental shelf allowing for remarkably clear waters for the development of coral reefs. The interplay of this environmental heterogeneity is further complicated by major floods and coastal storms, events which are regularly experienced in iSimangaliso. The site is also of sufficient size and retains most of the key elements that are essential for long-term functioning of the ecosystems.

**Criterion (x):** The five interlinked ecosystems found in iSimangaliso provide habitat for a significant diversity of African biota, including a large number of threatened and/or endemic species. The species lists for iSimangaliso are the lengthiest in the region and population sizes for most of them are viable. Of the over 6,500 plant and animal (including 521 bird) species recorded from the Park

**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	Lake St Lucia	✖			
3.2.2	Kosi System	✖			
3.2.3	Mgobozeleni		✖		
3.2.4	Lake Sibayi and lake Bhangazi	✖			
3.2.5	Marine Biome	✖			
3.2.6	Terrestrial Biome	✖			
3.2.7	Aquatic Biome	✖			
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**

Our current attributes are intact but there is increasing pressure from agricultural practices/activities which are currently impacting on the attributes such as the swamp forest. Mgobezeleni is a swamp forest where there is a destruction currently. The swamp forest that we have recently written a report to UNESCO through the Focal point (Ms Ntloko) is situated at Mgobezeleni Estuarine functional zone.

**4. Factors Affecting the Property**

**4.1. Buildings and Development**







**4.1.1 - Housing**

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 							
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#### 4.1.2 - Commercial development

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

- Not relevant

Relevant	 Not relevant
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#### 4.1.3 - Industrial areas

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

- Not relevant




















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

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

- Relevant, Positive, Negative, Potential, Outside

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

#### 4.1.5 - Interpretative and visitation facilities

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

- Relevant, Positive, Current, Potential, Inside

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

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

Housing - with increase in unplanned/ non-permitted housing structures it will result in the densification and possible encroachment into environmentally sensitive areas not zoned for housing within the Park. Visitor accommodation facilities and interpretative signage - the increase in appropriate accommodation facilities encourages the influx of visitors thus improving revenue and uplifts the provincial, national and international recognition of the Park as a world renowned destination.















### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

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

- Relevant, Positive, Current, Potential, Inside, Outside


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

#### 4.2.2 - Underground transport infrastructure

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

- Not relevant

Relevant	 Not relevant
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#### 4.2.3 - Air transport infrastructure

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

- Not relevant

Relevant	 Not relevant
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#### 4.2.4 - Marine transport infrastructure

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

- Relevant, Positive, Current, Inside, Outside

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

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

#### 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

The negative effect is in relation to the air traffic transportation

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

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

- Relevant, Negative, Potential, Outside

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

#### 4.3.2 - Renewable energy facilities

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

- Not relevant

Relevant	✕ Not relevant
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#### 4.3.3 - Non-renewable energy facilities

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

- Not relevant

Relevant	✕ Not relevant
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#### 4.3.4 - Localised utilities

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

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

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

#### 4.3.5 - Major linear utilities

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

- Relevant, Negative, Potential, Outside

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

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

Water infrastructure - within the park this aspect is impacting positively as our water infrastructure for day visitors and overnight guests is generally very good. Water infrastructure outside the park is not properly managed thus putting pressure on infrastructure within the Park.

### 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):

- Relevant, Negative, Potential, Outside

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

#### 4.4.3 - Surface water pollution

Previous answer Cycle 2 (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							

#### 4.4.4 - Air pollution

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

- Relevant, Negative, Potential, Outside

Relevant	Not relevant
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#### 4.4.5 - Solid waste

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

- Relevant, Negative, Current, 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

Marine pollution and terrestrial pollution compromises the functioning of marine and terrestrial ecosystems for which we were inscribed. Surface water pollution has a similar risk with the main difference that most surface water pollution risks emanate from outside the Park.

### 4.5. Biological resource use/modification

#### 4.5.1 - Fishing/collecting aquatic resources

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

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

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

#### 4.5.2 - Aquaculture

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

- Not relevant

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

#### 4.5.3 - Land conversion

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

- Relevant, Negative, Current, Potential, Outside

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

#### 4.5.4 - Livestock farming/Grazing of domesticated animals

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

- Relevant, Positive, Negative, Current, Outside

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

#### 4.5.5 - Crop production

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

- Relevant, Positive, Negative, Current, Outside

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

#### 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, Positive, Current, Inside, Outside

Relevant	✕ Not relevant
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#### 4.5.8 - Commercial hunting

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

- Relevant, Negative, Potential, Inside, Outside

Relevant	✕ Not relevant
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#### 4.5.9 - Subsistence hunting

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 ✕	✕		✕			→	

#### 4.5.10 - Forestry/Wood production

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

- Relevant, Negative, Current, Potential, Outside

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

Aquaculture is not an activity which is currently impacting the Park negatively. The other activities crop cultivation, wild crop collection, forestry/ wood production and subsistence hunting are emerging negative pressures which may impact negatively on the Park.

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

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 ✕	✕	✕		✕			↗












#### 4.6.2 - Quarrying

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 							

#### 4.6.3 - 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, Potential, Outside

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

Mining and quarrying - mining activities are a pressure point as there are mining proposals that are outside the Park and in the perceived buffer zone area, however these are limited to sand mining and dune mining activities. Within the marine environment we then have oil mining pressures.

### 4.7. Local conditions affecting physical fabric

#### 4.7.1 - Wind

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


- Not relevant

Relevant	 Not relevant
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#### 4.7.2 - Relative humidity

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

- Not relevant

Relevant	 Not relevant
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#### 4.7.3 - Temperature

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

- 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):

- Not relevant










Relevant	 Not relevant
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#### 4.7.8 - Micro-organisms

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

- Relevant, Negative, Potential, Inside, Outside

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

#### 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

Mitigating factors is continuous monitoring and exploring possible biological controls but careful of unintended consequences

### 4.8. Social/Cultural uses of heritage

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

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

- Relevant, Positive, Current, Inside, Outside

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

#### 4.8.2 - Society's valuing of heritage

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

- Relevant, Positive, Current, Potential, 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):

- Not relevant

Relevant			✕ Not relevant				
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#### 4.8.4 - Changes in traditional ways of life and knowledge system

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





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

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

#### 4.8.6 - Impacts of tourism/Visitation/Recreation

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

- Relevant, Positive, Negative, Current, Potential, Outside

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

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

In general the iSimangaliso Wetland Park is centered around a very diverse community with differing cultures. Although this diversity is welcome it has challenges when trying to manage the expectations of the different communities, however through our formal communication structures within the communities such as People and Parks, as well as Land Claimants Forums we are able to work through some of the challenges in jointly strategy.

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

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

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

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

##### 4.9.2 - Deliberate destruction of heritage

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

- Not relevant

Relevant	✕ Not relevant
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##### 4.9.3 - Military training

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

- Not relevant

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

##### 4.9.4 - War

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

- Not relevant

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

##### 4.9.5 - Terrorism

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

- Not relevant

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

##### 4.9.6 - Civil unrest

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

- Not relevant

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

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

Illegal activities such as poaching (both marine and terrestrial) are one of the biggest threats to the OUV as these areas host some IUCN listed species which we are tasked with protecting. Long term the general depletion of fauna in the ecosystem creates a risk in the functioning of the entire ecosystem. For instance the loss of loggerhead turtles, white rhino etc within one terrestrial and marine ecosystem, similarly with illegal construction leading to habitat fragmentation and loss.

#### 4.10. Climate change and severe weather events

#### 4.10.1 - Storms

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

- Relevant, Positive, Negative, Potential, Inside, Outside

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

#### 4.10.2 - Flooding

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

- Relevant, Positive, Negative, Potential, Outside

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

#### 4.10.3 - Drought

Previous answer Cycle 2 (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 ✕		✕	✕	✕			↗

#### 4.10.4 - Desertification

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

- Not relevant

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

#### 4.10.5 - Changes to oceanic waters

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 ✕		✕	✕	✕			↗

#### 4.10.6 - Temperature change

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 ✕		✕	✕	✕		→	

#### 4.10.7 - Other climate change impacts

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 ✕		✕	✕	✕		→	

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

The impacts of climate change is a new but realistic risk which could result in changes to the ecosystem due to sea level rise which continuously undercuts dunes thus compromising the integrity of the dune system. Within the Kosi bay system high seas and unusually excessive flooding patterns could risk or compromise some of the cultural artefacts known as the Kosi Bay Fish Kraals.

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

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

- Not relevant

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

##### 4.11.2 - Earthquake

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

- Not relevant

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

##### 4.11.3 - Tsunami/Tidal wave

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

- Not relevant

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

##### 4.11.4 - Avalanche/Landslide

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

- Not relevant

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

##### 4.11.5 - Erosion and siltation/Deposition

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

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

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

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

Siltation facilitated by human activities/ interference in the catchment area that feeds into St Lucia estuary system are a risk to this attribute. Similarly human agricultural activities along the Lake Sibaya and Mgobozeleni attributes have the similar risk. the destruction of swamp forest situated at both the floodplains and Estuarine functional zones will not only result to the local extinction of this specific ecosystem but will aggravate soil erosion to the actual mouth.

#### 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

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

##### 4.12.2 - Invasive/Alien terrestrial species

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

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

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

##### 4.12.3 - Invasive/Alien freshwater species

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

- Relevant, Negative, Potential, Outside

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

##### 4.12.4 - Invasive/Alien marine species

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

- Relevant, Negative, Potential, Outside

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

##### 4.12.5 - Hyper-abundant species

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

- Relevant, Negative, Potential, Inside

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

#### 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

Alien invasive species are generally a threat to ecosystem functioning and ecosystem services provision. They occupy the natural space which would be occupied by indigenous plant species and some of them extract unsustainable large amounts of water. This risk however is being managed to some degree through our landcare programme.

### 4.13. Management and institutional factors

#### 4.13.1 - Management system/Management plan

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

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

#### 4.13.2 - Legal framework

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

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

#### 4.13.3 - Governance

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

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

#### 4.13.4 - Management activities

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

- Relevant, Positive, Current, Potential, 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

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

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

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

- Not relevant

✕ Relevant				Not relevant			
	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

Research activities (both low impact and high impact) which are regulated in the Park have a positive impact as through research some of these research projects inform management practices within the Park. Financial resources: current funding sources are insufficient to implement all required functions and programmes. Human Resources: the organizations organogram is currently not fully fledged due to lack of financial resources to occupy outstanding posts.






































#### 4.14. Other factor(s)

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

None

#### 4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.1 Housing						
						
4.1.4 Major visitor accommodation and associated infrastructure						
						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
						
4.3 Services Infrastructures						
4.3.1 Water infrastructure						



4.3.4 Localised utilities						
4.3.5 Major linear utilities						
4.4 Pollution						
4.4.1 Pollution of marine waters						
4.4.2 Ground water pollution						
4.4.3 Surface water pollution						
4.4.5 Solid waste						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
4.5.2 Aquaculture						
4.5.3 Land conversion						
4.5.4 Livestock farming/Grazing of domesticated animals						
4.5.5 Crop production						
4.5.6 Commercial wild plant collection						
4.5.9 Subsistence hunting						
4.6 Physical resource extraction						
4.6.1 Mining						
4.6.2 Quarrying						
4.7 Local conditions affecting physical fabric						
4.7.8 Micro-organisms						
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses						
4.8.2 Society's valuing of heritage						
4.8.4 Changes in traditional ways of life and knowledge system						

4.8.5 Identity, social cohesion, changes in local population and community						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						
4.10 Climate change and severe weather events						
4.10.1 Storms						
4.10.2 Flooding						
4.10.3 Drought						
4.10.5 Changes to oceanic waters						
4.10.6 Temperature change						
4.10.7 Other climate change impacts						
4.11 Sudden ecological or geological events						
4.11.5 Erosion and siltation/Deposition						
4.11.6 Fire (wildfire)						
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 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						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						

4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
<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
4.1.1 Housing			

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

Name	Impact	Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure	 	 	
	 	 	





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

Name	Impact	Origin	Trend
4.1.5 Interpretative and visitation facilities	  	 	
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

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

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












## 4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	  		

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

	Increasing
--	------------

Name	Impact	Origin	Trend
4.2.5 Effects arising from use of transportation infrastructure	  	 	
	  		

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

Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

### 4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.1 Water infrastructure	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
	  	 	

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

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

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

Name	Impact	Origin	Trend
4.3.4 Localised utilities	<div> <div>+</div> <div>📢</div> <div>📢</div> </div>	<div> <div>📍</div> <div>🔄</div> </div>	<div> <div>↗</div> </div>
	<div> <div>-</div> <div>📢</div> <div>📢</div> </div>	<div> <div>📍</div> <div>🔄</div> </div>	<div> <div>↗</div> </div>

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

✕	Increasing
---	------------

Name	Impact	Origin	Trend
4.3.5 Major linear utilities	<div>+</div> <div>!</div> <div>!</div>	<div>+</div> <div></div>	<div>→</div>
	<div>-</div> <div>!</div> <div>!</div>	<div></div> <div>→</div>	<div>→</div>

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

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

## 4.4 Pollution

Name	Impact	Origin	Trend
4.4.1 Pollution of marine waters	<div></div> <div></div> <div></div>	<div></div> <div></div>	<div></div>
	<div>-</div> <div>!</div> <div>!</div>	<div>+</div> <div>→</div>	<div>→</div>





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

Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic



✕	Frequent
	On-going
<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
4.4.2 Ground water pollution						
						

<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	
	Restricted
✕	Localised
	Extensive
	Widespread

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

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

Name		Impact			Origin		Trend
4.4.5 Solid waste							

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

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



	On-going
<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

#### 4.5 Biological resource use/modification

Name	Impact			Origin		Trend
4.5.1 Fishing/collecting aquatic 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
4.5.2 Aquaculture	 		

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

✕	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

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

#### Impact - Impact on the attributes




✕	Insignificant
	Minor
	Significant
	Major

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

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

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

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.5.3 Land conversion			
	  		






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

✕	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - 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
4.5.4 Livestock farming/Grazing of domesticated animals						
						

<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
4.5.5 Crop production			
			
			

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

	Restricted
✕	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

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

#### Impact - Impact on the attributes






	Insignificant
	Minor
✕	Significant
	Major

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

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

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

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.5.6 Commercial wild plant collection			
			
			




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

	Restricted
	Localised
	Extensive
✕	Widespread

#### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic






✕	Frequent
	On-going
<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
4.5.9 Subsistence hunting						
						




<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

## 4.6 Physical resource extraction

Name	Impact	Origin	Trend
4.6.1 Mining			
	  	 	

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
4.6.2 Quarrying			
	  	 	

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



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





#### 4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.8 Micro-organisms			
	    		

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 - Developement over the last 6 years	
	Decreasing
✕	Static
	Increasing

## 4.8 Social/Cultural uses of heritage

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

### Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

### Temporal scale - Occurence of the impact

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

### Impact - Impact on the attributes





✕	Insignificant
	Minor
	Significant
	Major

### Management response - Capacity of management to respond

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

### Trend - Developement over the last 6 years

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage	 	 	

### Spatial scale - Area affected by the factor











	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
4.8.4 Changes in traditional ways of life and knowledge system						

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






<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
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	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 checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing











## 4.9 Other human activities

Name	Impact	Origin	Trend
4.9.1 Illegal activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input checked="" type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	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
4.10.1 Storms	 	 	
	 	 	








<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
4.10.2 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
<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
4.10.5 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

Name	Impact			Origin		Trend
4.10.7 Other climate change impacts						
						





<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
4.11.5 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			
	     		
<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		

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

Name	Impact	Origin	Trend
4.12.2 Invasive/Alien terrestrial species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

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







Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input checked="" 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
4.12.3 Invasive/Alien freshwater species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>





Spatial scale - Area affected by the factor	
<input type="checkbox"/>	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
4.12.4 Invasive/Alien marine species						
						

<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
4.12.5 Hyper-abundant species			
			  

<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

### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  		





<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
4.13.2 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

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




Name	Impact	Origin	Trend
4.13.3 Governance	  	 	

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major

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

Name	Impact	Origin	Trend
4.13.4 Management activities	  	 	

Spatial scale - Area affected by the factor	
	Restricted








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

Name	Impact	Origin	Trend
4.13.5 Financial resources			
	<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>

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

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

<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
4.13.8 High impact research/monitoring activities						

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

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

There are none.

#### 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	Kosi Bay Lake system	✕			
4.18.1.2	Lake Sibaya	✕			
4.18.1.3	Lake St Lucia	✕			
4.18.1.4	Mgobozeleni Lake	✕			
4.18.1.5	Terrestrial Biome	✕			

#### 5. Protection and Management of the Property

##### 5.1. Boundaries and Buffer Zones

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

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

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

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

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

The property has **no buffer zone, 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

The boundary of the Park is clear, there has been a delineation but in the process of gazettement.

##### 5.2. Protective Measures

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

The legal framework for iSimangaliso are:

1. WHCA, 1999 (Act 49 of 1999) & Operational Guidelines
2. NEMA 1998 (Act 107 of 1998)
3. PAA, 2003 (Act 57 of 2003).
4. Biodiversity Act, 2004 (Act 10 of 2004).
5. ICMA, (Act 24 of 2008)
6. MLRA, 1998 (Act 18 of 1998).
7. International agreements: RAMSAR (1971), CITES (1973), Bon Convention (1979), UNCLOS (1982), Basel Convention (1989), Convention on Biological Diversity (1992), Cartagena Protocol on Biosafety (2000)

Source: Periodic Reporting Cycle 2

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

##### 5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding

### Universal Value including conditions of Integrity and/or Authenticity of the property?

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

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

The property has **no buffer zone**

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

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

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

There is **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

In practice the various legislations are coordination into specific actions as contained in our Integrated Management Plan

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

None

### 5.3. Management System/Management Plan

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

Public management system at national level

If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

Traditional ways of management recognised by local communities and other specific groups

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

An integrated management plan combining World Heritage and any other designations

A management plan

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

In terms of South African environmental legislation we have a Ministerial approved 5 year Integrated Management Plan that governs the operation of the iSimangaliso Wetland Park in line with the National Environmental Management: Protected Areas Act, No 57 of 2003 and the World Heritage Convention Act, No. 49 of 1999.

#### 5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Integrated Management plan of iSimangaliso Wetland Park (South Africa)	N/A	Available	2019	

#### 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.

not applicable

#### 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 comments

#### 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

It has not been used yet

#### 5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state;

**local/municipal etc.) involved in the management of the World Heritage property**

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

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

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

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

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

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

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

**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	None				

**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	None				

**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

Our current management system has a key focus on local communities/beneficiaries socio-economic development opportunities. There are programmes which ensure participation and inclusion of women and youth. Programmes such as Small Medium Enterprise Development Programme, bursary programme and alien & invasive species programme.

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

No comments

### 6. Financial and Human Resources

#### 6.1. Funding

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

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	85 %	85 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	5 %	5 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	10 %	10 %
6.1.1.12	Other	%	%
		Total 100 %	Total 100 %

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

None

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

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

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

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

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

We will be vigorously sourcing funds from the IUCN and the WHF and AWHF funding sources in the next financial year.

#### 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	60 %	40 %
6.1.6.2	Women	40 %	60 %
		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	Good
Community participation and inclusion	Good
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Fair
Research and monitoring	Poor
Awareness raising and public information/communication	Good
Marketing and promotion	Fair
Interpretation	Fair
Visitor management/tourism	Fair
Enforcement (custodians, police)	Fair

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

Conservation	Good
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Fair
Research and monitoring	Poor
Awareness raising and public information/communication	Fair
Marketing and promotion	Fair
Interpretation	Fair
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?**

**No use** has been made of the World Heritage Strategy for Capacity Building

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

never used this strategy.

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

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

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

Site Manager is currently working on designing a fundable programme for training staff on site management related skills

**7. Scientific Studies and Research Projects**

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

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

**7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?**

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

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

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

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



As much as there is adequate knowledge to protect OUV, there is a need for more research to improve management effectiveness.

## 8. Education, Information and Awareness Building

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

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

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

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

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

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

### 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	Not provided but needed
Information booths	Not provided but needed
Guided tours	Good
Trails/routes	Good
Printed information materials	Fair
Online (website, social media, etc.)	Good

Transportation facilities	Fair
Other	Good
If 'Other' is selected, please specify	Aquarium

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

None

## 9. Visitor Management

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

428 148 / 405 311 / 399 374 / 380 339 / 377 023 /

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

Entry tickets and registries

Visitor surveys

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

One day (no overnight stay)

### 9.4 - Please provide the source of information

Average of gate entry permits issued

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

0 / \$50 / \$150 / \$100 / \$320 / \$70 /

### 9.6 - Please provide the source of information

iSimangaliso Financial and Landlord report

### 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

We have a tourism management strategy, a commercialization strategy as well as a communication strategy

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

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

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

Yes, using a different system

If a different system, please specify

Management Effectiveness Tracking Tool

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

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

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

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

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

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

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

**Fees are collected**, and make **some contribution** to the management of the World Heritage property

### 9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Concessions and activity permits

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

Yes

If 'Yes', please specify

Percentage of revenue from gates

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

None

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

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

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

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

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

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

None additional to the above indicators

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

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

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

No relevant Committee recommendations to implement

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

While no Committee decision has been taken, the site is addressing some of the 3rd Party complaints raised with the Centre

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

With the additions of the conservation space we manage, we need to improve our current research and monitoring infrastructure, equipment and processes.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.3	The property has <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>		
5.2.4	The property has <b>no buffer zone</b>		✕
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		✕
6.1	<b>Funding</b>		
6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property		
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property		✕
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property		✕
6.1.12	<b>A site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>		✕
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		
9	<b>Visitor Management</b>		
9.7	There is <b>a 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>		✕
9.9	Visitor use of the World Heritage property is managed but <b>improvements could be made</b>		
10	<b>Monitoring</b>		
10.1	There is <b>considerable monitoring</b> at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value		✕
Please select 1 more issues.			
<input checked="" type="checkbox"/> Please save this question to reflect changes			

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

#### 12.1.1 - Summary - Factors affecting the Property

4.6	Physical resource extraction						
4.6.1	Mining	Criterion vii: to contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution and development of terrestrial, fresh water, coastal and marine ecosystems, and communities of plants and animals. Criterion x: to contain the most important and significant natural habitats for in situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the	Monitor all mining activities on the Buffer Zone, and register as an Interested and Affected Party (I&AP) and send letters during commenting	continue with monitoring	Annually	iSimangaliso Wetland Park Authority	if necessary judiciary is canvassed for when matters end in court

		point of view of science or conservation.					
4.8	Social/Cultural uses of heritage						
4.8.4	Changes in traditional ways of life and knowledge system	<p>Criterion vii: to contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance.</p> <p>Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution and development of terrestrial, fresh water, coastal and marine ecosystems, and communities of plants and animals.</p> <p>Criterion x: to contain the most important and significant natural habitats for in situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.</p>	align environmental education programmes with prevailing challenges and work with other government department to find solutions on alternative livelihood	monitor survival means changes	annually	iSimangaliso Wetland Park Authority	none
4.9	Other human activities						
4.9.1	Illegal activities	<p>Criterion vii: to contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance.</p> <p>Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution and development of terrestrial, fresh water, coastal and marine ecosystems, and communities of plants and animals.</p> <p>Criterion x: to contain the most important and significant natural habitats for in situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.</p>	monitor unauthorised activities and ensure compliance	monitor continuously	annually	iSimangaliso Wetland Park Authority	none
4.10	Climate change and severe weather events						
4.10.5		Changes to oceanic waters					
4.10.6		Temperature change					
4.10.7		Other climate change impacts					
4.12	Invasive/alien species or hyper-abundant species						

4.12.2	Invasive/Alien terrestrial species	Criterion vii: to contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution and development of terrestrial, fresh water, coastal and marine ecosystems, and communities of plants and animals. Criterion x: to contain the most important and significant natural habitats for in situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	continue with aliens and invasive species programme	continue to stay in the data base of national Aliens prevention team	annually	iSimangaliso Wetland Park Authority	none
4.12.3	Invasive/Alien freshwater species						
4.12.4	Invasive/Alien marine species	Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution	raise funding for initiating the programme on marine	monitoring will be done on annual basis	annually	iSimangaliso Wetland Park Authority	no comments
4.13	<b>Management and institutional factors</b>						
4.13.5	Financial resources	Criterion vii: to contain superlative natural phenomena or areas of exceptional natural beauty and aesthetic importance. Criterion ix: to be an outstanding example representing significant on-going ecological and biological processes in the evolution and development of terrestrial, fresh water, coastal and marine ecosystems, and communities of plants and animals. Criterion x: to contain the most important and significant natural habitats for in situ conservation of biological diversity, including those containing threatened species of outstanding universal value from the point of view of science or conservation.	raise more funding	identify funders	annually	iSimangaliso Wetland Park	none

Question not completed

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.1.4	The property has <b>no known and recognised buffer zone</b>	gazetting of buffer zone	2021	iSimangaliso Wetland Park Authority	currently working on the buffer zone consultation

5.2	Protective Measures				
5.2.4	The property has <b>no buffer zone</b>	gazetting of a buffer zone	2021	iSimangaliso wetland Park Authority	none
5.3	Management System/Management Plan				
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	Continue implementing national programme on climate change	continuous	iSimangaliso Wetland Park Authority	no comments
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	Implement disaster management plan	when necessary	iSimangaliso Wetland Park Authority	none
6.1	Funding				
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property	Fund more posts	2024	iSimangaliso Wetland Park Authority	none
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	Align organisational policies with the Strategy	2021	iSimangaliso Wetland Park Authority	none
6.1.12	<b>A site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>	maintaining current situation	continuous	iSimangaliso Wetland Park Authority	None
9	Visitor Management				
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>	Raise more funding for implementation	annually	iSimangaliso Wetland Park Authority	None

10	Monitoring				
10.1	There is <b>considerable monitoring</b> at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	Focus monitoring to OUVs	2021	iSimangaliso Wetland Authority	none

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?

**Not applicable** (sites inscribed exclusively under criteria vii to x (natural World Heritage properties))

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

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

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

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

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

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

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

Park boundaries are well defined (but processing gazettement of buffer zone), our OUV is well preserved (with notable itemised matters as indicated earlier), however there is still a gap in Human Resource capacity.

### 13. Impact of World Heritage Status

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

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Very positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Very positive
Funding for the property	Very positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Very positive
Security	Very positive
Gender equality	Very positive
Provision of ecosystem services/ benefits to local communities	Very positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Very positive
Fostering inclusive local economic development and enhancing livelihood	Very positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Very positive



Other	Not applicable
If 'Other', please specify	

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

The world heritage status, there has been high focus on conservation with the intention of both preserving the OUV and creating tourism related economic opportunities at the same time. Part of the conservation initiative includes a research programme that informs management practices and improve the body of knowledge for awareness purposes.

## 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

Restoration of lake St Lucia (restoration of the original connectivity between the umfolozi river catchment and lake St Lucia) Re-wilding of the park (the reintroduction of the species that once occurred in the park but went extinct) One of the world's longest monitoring programmes on loggerhead and leather back turtles

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

Sustainable Development
State of Conservation
Management

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

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

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

### 15.2. Use of Data

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

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans
Fundraising
Awareness raising
Advocacy

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

It will be used to improve management of the Site

### 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

Local communities
Indigenous people
External experts
Donors

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

Gender balance has been **explicitly considered** in the process **but there are still deficiencies in the implementation**.

### 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

05 months / 05 mnths / 01 week /
----------------------------------

### 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?

All 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

If possible this questionnaire could be condensed and be user specific questionnaire, for example it should be site specific and not include questions relevant specifically to the focal point.

## 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)	No support
UNESCO National Commission	No support
ICOMOS International	No support
IUCN International	No support
ICCROM international/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	No support

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

UNESCO World Heritage Centre	Good
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	No support
National Commission for UNESCO	No support
ICOMOS International	No support
ICCROM International/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	No support
IUCN International	No support

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

Yes

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

It was adequate

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**

More time is needed for filling up the questionnaire.

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