

Sanganeb Marine National Park and Dugonab Bay – Mukkawar Island Marine National Park

1. World Heritage Property Data

1.1 - Name of World Heritage property

Sanganeb Marine National Park and Dugonab Bay – Mukkawar Island Marine National Park

Comment


[Comment from WHC/PSM]: Questionnaire filled based on the Word file provided by the State Party to the World Heritage Centre by email on 20/10/2019 (cf. Word Document "QuestionnaireSanganeb_Marine (1)") Name of State Party is "Sanganeb Marine National Park and Dugonab Bay – Mukkawar Island Marine National Park"

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Sanganeb Marine National Park (SMNP)	19.736 / 37.443	17400	504600	522000	2016
Dugonab Bay-Mukkawar Island Marine National Park	20.937 / 37.255	243300	?	243300	2016
Total (ha)		260700	504600	765300	

1.4 - Map(s)

Title	Date	Link to source
Sanganeb Marine National Park and Dugonab Bay - Mukkawar Island Marine National Park - maps of the inscribed property	2016	

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

Comment

http://sudanmarineparks.info/?page_id=4&lang=en

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

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

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

2.2 - Please provide comments on 2.1 if necessary

Sudan is under the process of nominating the site to the Man and Biosphere Reserve. Dongunab is declared as international Important Birds Area

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?

Not applicable

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?

Yes

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

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

Three MoU under CMS convention for Dugong, Sharks and Turtles

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

No

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

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

Not aware

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

The Sanganeb Marine National Park and the Dugonab Bay – Mukkawar Island Marine National Park are located in the northern part of the Red Sea. The property is a serial site and covers 260,700 ha with a buffer zone of 504,600 ha consisting of both marine and terrestrial areas. The property's marine systems, fauna and flora are from an Indian Ocean origin, however, due to its semi-enclosed nature, it has developed unique and different ecosystems and species.

The property contains impressive natural phenomena, reef formations and areas of great natural beauty and is relatively undisturbed. The two components of the property are connected by a coastal stretch extending 125 km including mersas, inlets, fringing reefs and off-shore reef formations, and the whole serial site is geologically and ecologically connected via the open flows that facilitate the exchange of biotic and abiotic elements within the marine ecosystems of the Red Sea. It encompasses a large bay that contains islands, several small islets and some of the most northerly coral reefs in the world associated with species (including seagrass and mangroves) at the limits of their global range and evolutionary expansion, which are therefore important from a scientific and conservation perspective.

Sanganeb atoll is the only atoll-like feature in the Red Sea, and a submerged and overhanging predator dominated coral reef ecosystem. It consists of 13 different bio-physiographic reef zones, each providing typical coral reef assemblages, supporting a wealth of marine life and breathtaking underwater vistas, hosting over 300 fish species with numerous endemic and rare species. Besides providing important nurseries and spawning grounds for key species, it also hosts resident populations of dolphins, sharks and marine turtles, which use the atoll as a resting, breeding and feeding area.

Dugonab Bay, including Mukkawar Island and other islands, contains an array of habitat types, such as extensive coral reef complexes, mangroves, seagrasses and intertidal and mudflat areas which all enable the survival (breeding, feeding and resting) of endangered dugong, sharks, manta rays, dolphins and migratory birds.

Criterion (vii): Sanganeb is an isolated, atoll-shaped coral reef structure in the central Red Sea, 25 km off the shoreline of Sudan. Surrounded by 800 m deep water, the atoll-like coral reef systems are part of the northernmost coral reef systems in the world. Sanganeb is a largely pristine marine ecosystem providing some of the most impressive underwater vistas resulting from the very high diversity of physiographic zones and reefs characterized by an extraordinary structural complexity. Dugonab Bay and Mukkawar Island is situated 125 km north of Port Sudan and includes within its boundaries a highly diverse system of coral reefs, mangroves, seagrass beds, beaches, intertidal areas, islands and islets. The clear visibility of the water, coral diversity, marine species, pristine habitats and colourful coral reef communities create a striking land- and seascape.

Criterion (ix): The property is located in an ecologically and globally outstanding region, the Red Sea, which is the world's northernmost tropical sea, the warmest and most saline of the world's seas, and is a Global 200 priority biogeographic region. The property is part of a larger transition area between northern and southern Red Sea biogeographic zones and contains diverse and mostly undisturbed habitats which are outstanding examples of the northernmost tropical coral reef system on earth. The property and its surrounding area include reef systems (13 different bio-physiographic reef zones in Sanganeb Marine National Park (SMNP)), the only atoll-like feature in the Red Sea, lagoons, islets, sand flats, seagrass beds, and mangrove habitats and display a diversity of reefs, from living reefs to ancient fossil reefs. These habitats are home to populations of seabirds (20 species), marine mammals (11 species), fish (300 species), corals (260 species), sharks, manta rays and marine turtles, and the site provides important feeding grounds for what is perhaps the most northerly population of endangered Dugong. SMNP is an important larvae source area and hosts spawning sites for commercial fish species.

Criterion (x): Dugonab Bay – Mukkawar Marine National Park (DMNP) supports a globally significant dugong population, given that the Red Sea and the Persian Gulf host the last remaining healthy populations of this species in the Indian Ocean. The whale and manta ray seasonal aggregations in DMNP are unique to the entire Western Indian Ocean Region and the marine park is internationally recognized as an Important Bird Area for both resident and migratory birds. DMNP is also unique as a home to species from different biogeographic origins: both northern and southern Red Sea species. SMNP lies in a regional hotspot for reef fish endemism. The property supports a high level of representation of endemic species found in the Red Sea, including the richest diversity of coral west of India and a number of coral species which are at the limits of their global range.

Integrity

The property is an outstanding marine ecosystem that sustains intact ecological functions. It covers both shallow habitats and reef formations and deep-sea areas that are ecologically interacting by natural exchange.

The property's size is adequate to contain most of the attributes that convey Outstanding Universal Value and maintains a high level of intactness through long-term conservation of its biodiversity. Sanganeb atoll is relatively remote from land-based activities and the traditional artisanal fishing around it is under the control of the Fisheries Administration of Sudan. Dugonab Bay's marine waters are protected by Wildlife Administration and Fisheries regulations. If these regulations are not promptly enforced, Dugonab Bay is likely to suffer negative impacts on the biota from the activities of the two villages at the coast, from major land use changes, salt exploitation, oyster farming, and potentially pearling. Species which are likely to be affected are coral and fish species, turtles, manta rays, sharks, dolphins, dugongs, and birds. The property has not shown any invasive or non-resident species as yet.

Protection and management requirements

The Government of Sudan has a legal commitment at both the National and State levels towards the protection and conservation of resources within its coastal waters through its comprehensive National Strategy. Several laws and regulations are in place and Sudan has signed regional and international protocols and conventions. Both SMNP (1990) and DMNP (2004) have been declared as marine protected areas by Presidential Decrees. Both are the responsibility of the Government of Sudan and various pieces of national legislation pertain to the property including the Federal Environmental Law (2001); State Environmental Law (2006); Wildlife Conservation and National Park Act (1987); National Parks, Sanctuaries and Reserves Regulation (1939); and the Game Protection and Federal Parks Act (1986).

At the time of inscription, work to update the management plans for the two National Parks was underway and this needs to be urgently completed and such plans maintained in the long-term so that both protected areas have up-to-date comprehensive plans. There is, in addition, a need to develop and maintain in the long-term an integrated management framework to coordinate management for the serial site as a whole and thus complement the two individual management plans. The participation of local communities and other stakeholders is critical to the effective management of this large property. The management authority acknowledges the importance of monitoring the impacts of tourism on ecosystems and on local communities through the implementation of a Tourism Strategy.

The property ecosystems remain relatively weakly affected by human activities. However, regional coastal development increased recently and reinforces the need to protect these landward and marine areas. The increase of activities from local residents and tourists could intensify pollution and direct damage on ecosystems such as anchor, boat and diving damage. In addition, coral communities could be affected by predators and by coral bleaching in response to climate change. Staffing, financial resources and on-ground management need to be increased in order to manage this very large nominated area and marine buffer zone. Commitments will be necessary to increase and sustain Government funding levels particularly in light of potential tourism use and possible impact.

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	superlative natural phenomena of land scape&seascape	✕			
3.2.2	water-quality	✕			
3.2.3	island&islet	✕			
3.2.4	Land-scap&sea-scaph	✕			
3.2.5	coral reef ecosystems	✕			
3.2.6	mangroves ecosystem		✕		
3.2.7	sea grass beds	✕			
3.2.8	birds	✕			
3.2.9	fish		✕		
3.2.10	dugong-turtle		✕		
3.2.11	shark	✕			
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

-The property is undisturbed and unique biodiversity ecosystem. the source information is the nomination file. These OUV needs protection and good management system to decrease the impact and the threats on ecosystems. These attributes are included in sensitive ecosystems.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

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

4.1.2 - Commercial development

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

4.1.3 - Industrial areas

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

4.1.4 - Major visitor accommodation and associated infrastructure

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

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

4.1.5 - Interpretative and visitation facilities

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

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

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

These factors are planned for the future and would affect the property positively. Visitation to DMNP is in the small scale at the moment and the effects are minimal. As being stated under the factors that might affect the property, the development activities as related to ecotourism will be undertaken within the strategy to have no negative impacts on the marine habitats, fauna and flora and to be non-consumptive and non-extractive. The future number of visitors might increase.[no more space]

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

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

4.2.2 - Underground transport infrastructure

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

4.2.3 - Air transport infrastructure

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

4.2.4 - Marine transport infrastructure

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

4.2.5 - Effects arising from use of transportation infrastructure

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

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 shipping boats sometimes they transport Oil, and the risk of the oil spill is high, in addition to ships wastes such plastic. - The site needs proper facilities/infrastructures to accommodate the increasing demands on tourism, and manage these activities sustainably. These factors had some negative impact on the property. With the increasing oil shipping tankers at the Sudanese coast, caution must be taken to monitor any effect from ballast water of these tankers.

4.3. Services Infrastructures

4.3.1 - Water infrastructure











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

4.3.2 - Renewable energy facilities

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

4.3.3 - Non-renewable energy facilities

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

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

4.3.4 - Localised utilities

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

4.3.5 - Major linear utilities

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










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

The construction of the paved road parallel to the coastline of the property has already altered the pattern of water movement at the coastal plain and the impoundment has decreased the freshwater input to the mersas and mangroves. The introduction of solar energy in Dongonab village has positive impact on local communities livelihood

4.4. Pollution

4.4.1 - Pollution of marine waters

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

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

4.4.2 - Ground water pollution











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

4.4.3 - Surface water pollution

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











4.4.4 - Air pollution

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

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











4.4.5 - Solid waste

✕ 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

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

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

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

- The energy plant needs a cooling system, that is going to use sea water for cooling, which will heat up some part sea water (thermal pollution), that affecting the ecosystem and biodiversity of the site

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

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

4.5.2 - Aquaculture

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

4.5.3 - Land conversion

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

4.5.4 - Livestock farming/Grazing of domesticated animals

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

4.5.5 - Crop production

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

4.5.6 - Commercial wild plant collection

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

4.5.7 - Subsistence wild plant collection

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

4.5.8 - Commercial hunting











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

4.5.9 - Subsistence hunting

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

4.5.10 - Forestry/Wood production

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕		✕				

4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

-The overfishing affecting stock and destroyed the habitat. the hunting of wildlife and collection of the falcon is affecting negatively on the biodiversity of the property.

4.6. Physical resource extraction

4.6.1 - Mining

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

4.6.2 - Quarrying

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

4.6.3 - Oil and gas

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

4.6.4 - Water (extraction)

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

4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

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

4.7.2 - Relative humidity

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

4.7.3 - Temperature

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

4.7.4 - Radiation/Light

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

4.7.5 - Dust

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

4.7.6 - Water (rain/water table)








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

4.7.7 - Pests

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

4.7.8 - Micro-organisms

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

	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

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

✕ 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

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

4.8.3 - Indigenous hunting, gathering and collecting

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

4.8.4 - Changes in traditional ways of life and knowledge system

✕ 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

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

4.8.6 - Impacts of tourism/Visitation/Recreation

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

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

The present traditional pattern of use of the property, including artisanal fisheries, natural oyster culture and salt production, is in the minimal stage.

4.9. Other human activities

4.9.1 - Illegal activities

✕ 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

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

4.9.3 - Military training

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

4.9.4 - War

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

4.9.5 - Terrorism

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

4.9.6 - Civil unrest

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

-Military training which takes place some times in the. buffer zone affects negatively on the ecosystems.

4.10. Climate change and severe weather events

4.10.1 - Storms

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

4.10.2 - Flooding

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

4.10.3 - Drought

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

4.10.4 - Desertification

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

4.10.5 - Changes to oceanic waters

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

4.10.6 - Temperature change

✕ 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

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

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

-the increasing of temperature cause coral bleaching and affect the coral reef communities.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

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

4.11.2 - Earthquake

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

4.11.3 - Tsunami/Tidal wave

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

4.11.4 - Avalanche/Landslide

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

4.11.5 - Erosion and siltation/Deposition

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

4.11.6 - Fire (wildfire)

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

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

The property lies in an area which has no known volcanic or earthquakes activity and also safe from tsunami or large floods.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

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

4.12.2 - Invasive/Alien terrestrial species

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

4.12.3 - Invasive/Alien freshwater species

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

4.12.4 - Invasive/Alien marine species

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

4.12.5 - Hyper-abundant species

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

4.12.6 - Modified genetic material

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

Although the whole coastline of the property is subject to potential negative impacts from future developmental activities, the property has not shown any invasive or non-resident species as yet


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

<input checked="" type="checkbox"/> Relevant	Not relevant						
--	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				
 Negative							











4.13.4 - Management activities

<input checked="" type="checkbox"/> Relevant	Not relevant						
--	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
 Negative							











4.13.5 - Financial resources

<input checked="" type="checkbox"/> Relevant	Not relevant						
--	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				











4.13.6 - Human resources

<input checked="" type="checkbox"/> Relevant	Not relevant						
--	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
 Negative							

4.13.7 - Low impact research/monitoring activities

<input checked="" type="checkbox"/> Relevant	Not relevant						
--	--------------	--	--	--	--	--	--

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
 Negative							

4.13.8 - High impact research/monitoring activities

Relevant	<input checked="" type="checkbox"/> Not relevant						
----------	--	--	--	--	--	--	--

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

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact	Origin	Trend
4.1 Buildings and Development			

4.1.4 Major visitor accommodation and associated infrastructure						
	⊖		⚠	⊕	🔄	➡
4.1.5 Interpretative and visitation facilities	⊕		⚠	⊕	🔄	➡
4.2 Transportation Infrastructure						
4.2.4 Marine transport infrastructure	⊕		⚠		🔄	➡
	⊖		⚠		🔄	➡
4.2.5 Effects arising from use of transportation infrastructure						
	⊖	⚠		⊕	🔄	➡
4.3 Services Infrastructures						
4.3.1 Water infrastructure	⊕	⚠		⊕		➡
4.3.2 Renewable energy facilities	⊕	⚠	⚠	⊕		➡
4.3.3 Non-renewable energy facilities						
	⊖		⚠		🔄	➡
4.4 Pollution						
4.4.1 Pollution of marine waters						
	⊖	⚠	⚠	⊕	🔄	➡
4.4.4 Air pollution						
	⊖		⚠		🔄	➡
4.4.5 Solid waste						
	⊖	⚠		⊕	🔄	➡
4.4.6 Input of excess energy						
	⊖		⚠	⊕	🔄	➡
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
	⊖	⚠		⊕	🔄	➡
4.5.2 Aquaculture						
	⊖	⚠		⊕		➡
4.5.8 Commercial hunting	⊕	⚠		⊕	🔄	➡
4.5.9 Subsistence hunting						
	⊖	⚠		⊕	🔄	➡
4.5.10 Forestry/Wood production						
	⊖	⚠		⊕		➡
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses	⊕		⚠	⊕		➡
4.8.3 Indigenous hunting, gathering and collecting						
	⊖	⚠		⊕	🔄	➡
4.8.4 Changes in traditional ways of life and knowledge system	⊕		⚠	⊕	🔄	➡

4.9 Other human activities						
4.9.1 Illegal activities						
	⊖					↗
4.9.3 Military training						
	⊖	⚡		⊕		→
4.10 Climate change and severe weather events						
4.10.1 Storms						
	⊖		⚡		↻	→
4.10.6 Temperature change						
	⊖		⚡	⊕	↻	↗
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 Translocated species	⊕		⚡		↻	→
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	⊕	⚡	⚡	⊕		↗
	⊖					↗
4.13.2 Legal framework	⊕	⚡		⊕		↗
4.13.3 Governance	⊕	⚡		⊕		↗
4.13.4 Management activities	⊕	⚡	⚡	⊕	↻	↗
4.13.5 Financial resources						
	⊖	⚡		⊕		→
4.13.6 Human resources	⊕	⚡		⊕	↻	↗
4.13.7 Low impact research/monitoring activities	⊕	⚡	⚡	⊕	↻	→
Legend ⚡ Current ⚡ Potential ⊖ Negative ⊕ Positive ⊕ Inside ↻ Outside						






4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name		Impact			Origin		Trend
4.1.4 Major visitor accommodation and associated infrastructure							
		⊖		⚡	⊕	↻	↗
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
✕	Widespread						







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

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						





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

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

4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.4 Marine 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	
✕	Restricted
	Localised
	Extensive






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

4.3 Services Infrastructures

Name	Impact			Origin		Trend
4.3.1 Water infrastructure						

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




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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major

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







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

Name	Impact	Origin	Trend
4.3.3 Non-renewable energy facilities	  		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised




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

4.4 Pollution

Name	Impact	Origin	Trend
4.4.1 Pollution of marine waters			
			
			

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
4.4.4 Air pollution			
			 





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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major

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

Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

Name	Impact			Origin		Trend
4.4.5 Solid waste						
						

Spatial scale - Area affected by the factor	
✕	Restricted






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

Name	Impact			Origin		Trend
4.4.6 Input of excess energy						

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

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

4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.1 Fishing/collecting aquatic resources			
	 	 	

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes





	Insignificant
	Minor
✕	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.5.2 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
4.5.8 Commercial hunting						

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

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





Name	Impact	Origin	Trend
4.5.9 Subsistence hunting			
	 	 	

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

Name	Impact	Origin	Trend
4.5.10 Forestry/Wood production			
	 		

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






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

4.8 Social/Cultural uses of heritage

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

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

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




Name	Impact			Origin		Trend
4.8.3 Indigenous hunting, gathering and collecting						
						

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

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

Impact - Impact on the attributes	
✖	Insignificant
	Minor
	Significant
	Major

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

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

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





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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major

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

Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

4.9 Other human activities

Name	Impact			Origin		Trend
4.9.3 Military training						
						





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

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

Impact - Impact on the attributes	
	Insignificant
	Minor

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

4.10 Climate change and severe weather events

Name	Impact			Origin		Trend
4.10.1 Storms						
						

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

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








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

4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.1 Translocated species			
Spatial scale - Area affected by the factor			
	Restricted		
	Localised		
	Extensive		
	Widespread		
Temporal scale - Occurrence of the impact			
	One off or rare		
	Intermittent or sporadic		
	Frequent		
	On-going		

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

4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  		
			

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

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

Name	Impact	Origin	Trend
4.13.2 Legal framework			

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major

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




Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance			




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

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




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

Name	Impact			Origin	Trend
4.13.4 Management activities					

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






Name	Impact	Origin	Trend
4.13.5 Financial resources			
			

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

Name	Impact	Origin	Trend
4.13.6 Human resources			

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

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

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	  	 	

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

4.17. Serial inscriptions (national or transnational)

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

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

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

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1		×			
4.18.1.2		×			
4.18.1.3		×			
4.18.1.4		×			
4.18.1.5		×			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

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

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

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

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

5.2. Protective Measures

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

The Government of Sudan has a legal commitment at both the National and State levels towards the protection and conservation of resources within its coastal waters through its comprehensive National Strategy. Several laws and regulations are in place and Sudan has signed regional and international protocols and conventions. Both SMNP (1990) and DMNP (2004) have been declared as marine protected areas by Presidential Decrees. Both are the responsibility of the Government of Sudan and various pieces of national legislation pertain to the property including the Federal Environmental Law (2001); State Environmental Law (2006); Wildlife Conservation and National Park Act (1987); National Parks, Sanctuaries and Reserves Regulation (1939); and the Game Protection and Federal Parks Act (1986).

Comment

The Government of Sudan has a legal commitment at both the National and State levels towards the protection and conservation of resources within its coastal waters through its comprehensive National Strategy. Several laws and regulations are in place and Sudan has signed regional and international protocols and conventions. Both SMNP (1990) and DMNP (2004) have been declared as marine protected areas by Presidential Decrees. Both are the responsibility of the Government of Sudan [No more space]

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

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

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

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

The **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World

Heritage property provides an **adequate basis for effective management and protection**

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

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

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

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

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

The enforcement of the laws by the WCGA is easy because the WCGA is affiliated to the Ministry of Interior.

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

5.3. Management System/Management Plan

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

Public management system joint national/ local

If 'Other', please specify

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

Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management


An integrated management plan combining World Heritage and any other designations

An annual work plan or business plan

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

Just after the inscription of the site the Minister of Tourism, Antiquities and Tourism, issued a decree for establishing a Coordinating Council for the management of the site headed by the State Minister of Environment and Tourism in the Red Sea State. The integrated management plan was approved by the Wildlife Conservation General Administration.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plan 2016	N/A	Available	2016	

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

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

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

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

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

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

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

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

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

Lighthouse and buoys along the coast help in reducing disaster.

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 **only partially implemented**

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

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

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the

following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

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

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

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

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

		Not applicable	No contribution	Limited	Significant	Full achievement
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

The Wildlife Conservation General Administration and local community are working together to solve any problem that can occur in the site. The UNESCO Chair for Women in Science and Technology worked with local community in awareness raising and illiteracy for women in the site. The Chair also trained the women in the site on using sea product as source of food.

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

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

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

No detailed information is available for the above question

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

The available **budget is inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

The existing sources of funding are **secure over 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

No detailed information is available concerning the above mentioned question

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	%	%
6.1.6.2	Women	%	%
		Total 0 %	Total 0 %

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

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

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

Conservation	Good
Environmental sustainability	Good
Community participation and inclusion	Good
Risk preparedness	Poor
Capacity development and education	Fair
Administration	Good

Research and monitoring	Good
Awareness raising and public information/communication	Fair
Marketing and promotion	Poor
Interpretation	Poor
Visitor management/tourism	Fair
Enforcement (custodians, police)	Good

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

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

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

Some use has been made of the World Heritage Strategy for Capacity Building

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

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

7. Scientific Studies and Research Projects

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

Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

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

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

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

Research results **are shared with local communities and some national agencies**

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

1- PERSGA SAP 2 – Strengthening management: The draft management plan of Dungonab Bay Mikkawar Island Marine National Park was developed 2- Expected results of the Dugong survey: monitoring of its movement route would assist in developing certain regulations concerning its protection and eco-tourism strategy ; to be incorporated in the integrated management plan of the property 3- Cousteau and partners Sharks and Rays project (Darwin Initiative), its outcome would [no more space]

8. Education, Information and Awareness Building

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

Local communities	Good
Local/municipal authorities	Good

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

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

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

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

Local communities
Local/municipal authorities
Indigenous peoples
Landowners
Women
Youth/children
Local Visitors
Tourism industry
Other specific groups
Fisher men

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	Poor
Trails/routes	Not provided but needed
Printed information materials	Not provided but needed
Online (website, social media, etc.)	Poor
Transportation facilities	Poor
Other	Not needed
If 'Other' is selected, please specify	

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

9. Visitor Management

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

2556 / 2357 / 2617 / 2801 / 2200 /

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

Tourism industry

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**9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)****9.6 - Please provide the source of information**

No detailed information are available for the above question

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 it is **not implemented**

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

No

If a different system, please specify

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

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

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

The presentation and interpretation of the Outstanding Universal Value of the property **is acceptable but improvements could be made**

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

In **one location** and **easily visible** to visitors

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

Fees are collected, but make **no contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Not applicable

If 'Yes', please specify

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

Not applicable

If 'Yes', please specify

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property**10. Monitoring****10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?**

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

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

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined but monitoring of the status of indicators could be improved**

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

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				
10.3.2	Effectiveness of the management system				
10.3.3	Character of governance				

10.3.4	Appropriate synergy with other conservation designations				
10.3.5	Contribution to sustainable development				
10.3.6	Capacity development				

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

Indicators have been defined but are not yet in use perfectly Eg. Number of visitors, increase of the tourism revenue, increase of annual budget and number of human resources All should be used to assess the effectiveness of the management system

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

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

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

Implementation is underway

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

According to the World Heritage Committee recommendations including ; a) The management plans for SMNP and DMNP an integrated management framework for the whole property that guides coordinated inter-agency policy and management and promotes the effective involvement of different stakeholders including local communities and development action plans was developed and adopted by WCGA b)The financial resources and staffing capacity were increased to ensure an adequate level of [no more space]

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

Monitoring data is provided by the researcher of Marine Sciences College of the Red Sea University who work in collaboration with the property management staff

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.2	Protective Measures	
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
5.3	Management System/Management Plan	
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.13	The management system at the property is only being partially implemented	
6.1	Funding	
6.1.3	The available budget is inadequate for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	
6.1.7	Human resources partly meet the management needs of the World Heritage property	
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	
7	Scientific Studies and Research Projects	
7.2	There is a small amount of research in the World Heritage property but it is not planned	
8	Education, Information and Awareness Building	

8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs
9	Visitor Management
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but it is not implemented
9.9	Visitor use of the World Heritage property is managed but improvements could be made
9.11	There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made
10	Monitoring
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved

Please select 10 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

Please assess the current negative factors in question 4.16 before filling in the summary table.

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

The answers you provided have not outlined any serious management need, therefore this table is empty. Please **Save** to complete the question.

12.3. Conclusions on the State of Conservation of the Property

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

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

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

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

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

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

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

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

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

The property size is appropriate to contain the different features which sustain the intactness and the long-term conservation of its biodiversity. In fact the same proposed site was included when a property was nominated for Ramsar site in 2003. Sanganeb atoll is rather remote from land-based activities and the traditional artisanal fishing around it is under the control of Fisheries Administration. Illegal fishing from visiting fishing fleets has little impact because of [no more space]

13. Impact of World Heritage Status

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

Conservation	Positive
Research and monitoring	Positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Positive
Infrastructure development	Not applicable
Funding for the property	No impact

International cooperation	Very positive
Political support for conservation	Positive
Legal/Policy framework	Very positive
Advocacy	Not applicable
Institutional coordination	Positive
Security	Positive
Gender equality	Not applicable
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Not applicable
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 Integrated Management framework include several actions aims to enforce the coordination between WCGA, Wildlife Department in the Red Sea, the Tourism Private Sector, the NGOs and the local communities in the property towards better management and to overcome any threats and negative impacts that could affect the conservation of the OUV of the property.

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

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

The establishment of MAB Youth Forum including a Heritage group of youth, since 2017 assist in the awareness about the OUV of the property and now conducting education program addressing issues of conservation and monitoring of natural resources in marine protected areas. Sudanese Development Initiative (SUDIA) conducted an Awareness campaign (public lectures, festivals..etc) during 2018 about the marine protected areas outstanding values.

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 concept of Outstanding Universal Value
The property's Outstanding Universal Value
The property's Integrity and/or Authenticity
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	Poor
Site Managers	Fair
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Good

15.2. Use of Data

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

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

Other
implementation of the actions included in the adopted Integrated Management Plan

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

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
UNESCO National Commission

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

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

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

No

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

72 / 48 / 96 /

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?

Not 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

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

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

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

ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

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

No

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

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

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

- **Name of World Heritage property**

Reason for update: [Comment from WHC/PSM]: Questionnaire filled based on the Word file provided by the State Party to the World Heritage Centre by email on 20/10/2019 (cf. Word Document "QuestionnaireSanganeb_Marine (1)") Name of State Party is "Sanganeb Marine National Park and Dungonab Bay – Mukkawar Island Marine National Park"

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

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

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

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