Cocos Island National Park

1. World Heritage Property Data

1.1 - Name of World Heritage property

Cocos Island National Park

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year		
Cocos Island National Park	5.533 / -87.067	199700	0	199700)	1997		
Total (ha)		199700	0	199700)			
1.4 - Мар(s)								
Title					Link to s	source		
Map of the inscribed property: Área de Conservación								

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

1. Natural site datasheet from WCMC

Comment

www.isladelcoco.go.cr https://www.facebook.com/PNIslaDelCoco Instagram @parque_nacional_isla_del_coco

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

The WHS is also a Blue Park and in process a Natural National Shark Santuary

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? Not applicable

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

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?

Not applicable

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes
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	case indicate the level of cooperation at property level between designations under different conventions/r rogrammes	_
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)

Convention for the Protection of Cultural Property in the Event of Armed Conflict and Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict are no applicable for Costa Rica

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 None

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 aware.

None

3. Statement of Outstanding Universal Value

Statement of Outstanding Universal Value Brief synthesis

Cocos Island National Park is located in the Eastern Tropical Pacific, covering an area of 202,100 hectares some 530 kilometers off the Costa Rica mainland. The island itself, "Isla del Coco", also known as "Treasure Island", is the only landmark of the vast submarine Cocos Range. With a surface area of 2,400 hectares it supports the only humid tropical forest on an oceanic island in the Eastern Tropical Pacific. The remaining 199,700 hectares protect not only diverse marine ecosystems, mostly pelagic but also, the most diverse coral reefs of the entire Eastern Tropical Pacific. Thanks to its remote location and conservation efforts, the biologically highly diverse property constitutes one of the best conserved marine tropical waters, well-known as a world-class diving destination. The property belongs to the Eastern Tropical Pacific Marine Corridor, a marine conservation network, which also includes World Heritage properties in Colombia, Ecuador and Panama.

Natural population densities of large top predators indicate a near pristine conservation status of a property that is among the most important sites in the Eastern Tropical Pacific for the protection of large pelagic migratory species, such as the endangered Scalloped Hammerhead Shark and the near-threatened Silky Shark and Galapagos Shark. Due to its geographical position, the oceanic island of volcanic origin is the first landmark met by the North Equatorial Countercurrent and a point of confluence of other marine currents. This makes it a dispersing centre of larvae of marine species from various parts of the Pacific Ocean. In its land portion, the property hosts a remarkable degree of endemism across most diverse taxonomic groups. There are, for instance, three endemic bird species, two endemic freshwater fish and two endemic reptile species. Cocos Island National Park is of irreplaceable global conservation value, reminding us what parts of tropical oceans historically looked like.

Criterion (ix): The property harbours a rare and complex mosaic of land and sea environments, including forested mountains, rivers, waterfalls, estuaries, cliffs, sandy and rocky beaches, bays, and extensive and highly diverse coral reefs and pelagic environments. The oceanic island, more than 500 kilometers off the continent, is mostly occupied by tropical rainforest and, from around 500 m.a.s.l. to the highest elevation at 634 m.a.s.l., by cloud forest. The isolation has been allowing ongoing evolutionary processes on land, giving origin to countless endemic species in the most diverse taxonomic groups, including several vertebrate species. The geographic location at the meeting point of the North Equatorial Countercurrent with other major marine currents and the ecological interactions between a remote island and the surrounding marine ecosystems are of major scientific importance. The currents and the island affect the movements and distribution of the many migratory marine species aggregating for feeding and reproduction in the waters around the island. The property serves as a dispersion centre of larvae of numerous marine species coming from the entire Pacific. The islets and rocks around the main island are reported to also serve as important cleaning stations, i.e. pelagic species aggregate to have parasites removed by specialised fish and other species.

Criterion (x): The small island supports the only tropical forest ecosystem located on an oceanic island within the Tropical Eastern Pacific. It is home to some 70 endemic species of vascular plants and several endemic animals, including three birds, two reptiles and even two freshwater fish. Smaller satellite rocks around the island support nesting and resting habitats for numerous migratory and resident bird species. However, the main species conservation value derives from critical marine habitat and the corresponding role of the property in the conservation of large pelagic species, especially several species of sharks. Among the latter are exceptional aggregations of the near-threatened Silky and Lemon Shark, the vulnerable Bigeye Thresher Shark and Galapagos Shark, the emblematic and endangered Hammerhead Shark, as well as White-tip Reef Shark and Black-tip Shark. Among some 300 recorded fish species are important aggregations of large pelagic fish, such as the vulnerable Whale Shark and Blue Marlin, as well as Sailfish Broadbill Swordfish, Shortbill Spearfish, Giant Manta Ray and Pelagic Stingray. Blue Whale and Bottlenose Dolphin are among the visiting marine mammals.

Integrity

The isolation of Cocos Island National Park contributes to the safeguarding of evolutionary processes, which are the basis of the notable richness and abundance of land and marine life forms. Provided that alien invasive species of both flora and fauna can be controlled, the conservation prospects on land are promising. In the marine areas, the large aggregations of top predators, including but not limited to numerous shark species, demonstrate the integrity within an intensively fished marine region. The entire property is one of the rare marine no-take areas and as such makes an invaluable contribution to conservation as a safe haven for marine life, and as a nursery and dispersal centre – provided illegal fishing can be kept at bay. While many of the aggregations occur in a relatively small area within the property, the marine limits fail to do justice to the life cycles of the many migratory species. Cocos Island National Park cannot achieve the long-term conservation of species indiscriminately exploited in the wider Eastern Tropical Pacific and elsewhere. The critical factor for the long run integrity not only requires adequate management of the property but also sustainable fishing levels outside of it. The Eastern Tropical Pacific Marine Corridor provides a highly needed framework for international cooperation in this regard.

Protection and management requirements

While there is no evidence of pre-Columbian occupation, fishermen, pirates, whalers, commercial sailors and scientific expeditions have long used Cocos Island as shelter and to procure fresh water. Attempts to settle the island include a brief episode of running a prison, but eventually all such attempts have been unsuccessful. Today the human presence is restricted to a rotating group of conservation staff, tourists, and visiting scientists. The entire property is strictly protected by law, state-owned and managed by Costa Rica's National Park Service under the Ministry of Environment and Energy in cooperation with other governmental and non-governmental institutions, such as the "Friends of Cocos Island Foundation". Any extraction of marine resources and all commercial, industrial or agricultural activities are banned. Management planning guides interventions with a focus on planning of public use and tourism, protection of sensitive sites, alien invasive species, scientific research, and the review of relevant legislation. Sufficient staff and funding is needed to secure adequate operations, which is costly due to the remote location.

On land, the main threats are invasive alien species of both flora and fauna. While no mammals originally existed on the island, deer, wild boar, cats and rats have been introduced with complex effects on the ecosystems, as well-documented from small island settings around the globe. Temporary settlers brought plants like guinea grass and coffee. The latter has since been invading the understory of the forests. Continuous monitoring and management are needed to eradicate alien invasive species to the degree possible and to prevent new invasions through and strict and enforced protocols for all visitors to the island. In the waters, illegal fishing is common despite efforts by national authorities and non-governmental organizations. Therefore, continuous monitoring and law enforcement is needed, as is awareness-raising with the fishing industry. Tourism activities around the island, mostly recreational diving, likewise require adequate monitoring and control to prevent disturbance in the highly localised areas of major aggregations of fish, as well as littering and other pollution caused by passing vessels and yachts. Following the 1982/1983 El Niño event, about 90 percent of the coral reefs of Cocos National Park died off, a dramatic reminder how protected areas can be affected by events far beyond their boundaries. Eventually, for conservation to be effective in the long term, measures are needed at a much larger geographical scale. These measures could include extensions, buffer zones and, at the international level, coordination and cooperation with other marine protected areas in the Eastern Tropical Pacific, including World Heritage properties in Colombia, Ecuador and Panama.

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	rare and complex mosaic of land ecosystems	×			

3.2.2	rare and complex mosaic of sea ecosystems	×		
3.2.3	Endemic species of vascular plants and several endemic animals	×		
3.2.4	Pelagic species		×	
3.2.5	Biological migration process between other WHS	×		
3.2.6				
3.2.7				
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

Preserve the complex of migration species is difficult when the species moves outside the Cocos Island National Park, we need more regional coordination and more marine conservation tools share with the other WHS The OUV is also a combination of different attributes and it change in time as we are able to know more of them. The scientific research and new information about the ocean give us more details to increment this OUV for people and nature. For this reason the OUV need to be up date.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

- Previous answer Cycle 2 (01/08/2012):
 - Not relevant

Relevant	X Not relevant
 4.1.2 - Commercial development Previous answer Cycle 2 (01/08/2012): Not relevant 	
Relevant	X Not relevant
4.1.3 - Industrial areasPrevious answer Cycle 2 (01/08/2012):Not relevant	
Relevant	X Not relevant
 4.1.4 - Major visitor accommodation and associated infras Previous answer Cycle 2 (01/08/2012): Not relevant 	tructure
Relevant	X Not relevant
 4.1.5 - Interpretative and visitation facilities Previous answer Cycle 2 (01/08/2012): Relevant, Positive, Negative, Current, Potential, Inside 	
Relevant	X Not relevant

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

- Previous answer Cycle 2 (01/08/2012):
 - Not relevant

Relevant			X Not relevant					
4.2.2 - Underground transp Previous answer Cycle 2 (01/08/2 • Not relevant		ire						
Relevant			× Not relevan	nt				
 4.2.3 - Air transport infrastructure Previous answer Cycle 2 (01/08/2012): Not relevant 								
Relevant			× Not relevan	nt				
 4.2.4 - Marine transport infrastructure Previous answer Cycle 2 (01/08/2012): Relevant, Positive, Negative, Current, Potential, Inside 								
Relevant			× Not relevan	nt				
 4.2.5 - Effects arising from Previous answer Cycle 2 (01/08/2 Not relevant 		rtation infrastru	cture					
Relevant			× Not releva	nt				
4.2.6 - Please comment as positively In the Question 4.2.5 the effects							egatively or	
4.3. Services Infrastructur	es							
 4.3.1 - Water infrastructure Previous answer Cycle 2 (01/08/2 Relevant, Positive, Current 	2012):							
× Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	Inside	C Outside	Solution Decreasing	⇒ Stable	Increasing	
Positive X	×		×			→		
Negative								
 4.3.2 - Renewable energy fa Previous answer Cycle 2 (01/08// Relevant, Positive, Current 	2012):							
X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing	
Positive X	×		×			→		
Negative								
 4.3.3 - Non-renewable ener Previous answer Cycle 2 (01/08/: Not relevant 								
Relevant			× Not releva	nt				
 4.3.4 - Localised utilities Previous answer Cycle 2 (01/08/2 Relevant, Positive, Negative 	,	tial, Inside						
X Relevant				Not relevant				
	Impact		Origin		Trend of impact			

Impact	4 Current	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing		
O Positive X	×		×			→			
Negative X		×	×			\rightarrow			
 4.3.5 - Major linear utilities Previous answer Cycle 2 (01/08/2012): Not relevant 									
Relevant			× Not relevant						

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

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	Inside	C Outside	Solution Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			1
 4.4.2 - Ground water pollut Previous answer Cycle 2 (01/08/ Relevant, Negative, Curre 	2012):	le					
Relevant			× Not relevant	t			
 4.4.3 - Surface water pollut Previous answer Cycle 2 (01/08/ Not relevant 							
Relevant			× Not relevant	t			
 4.4.4 - Air pollution Previous answer Cycle 2 (01/08/ Not relevant 	2012):						
Relevant			× Not relevant	t			
 4.4.5 - Solid waste Previous answer Cycle 2 (01/08/ Relevant, Negative, Curre 		le					
Relevant			X Not relevant	t			
4.4.6 - Input of excess ener Previous answer Cycle 2 (01/08/ • Not relevant							
Relevant			× Not relevant	t			

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant			Not relevant	
	Impact	Origin		Trend of impact

Impact	4 Current	9 Potential	Inside	Cutside	Secreasing	⇒ Stable	Increasing				
Ositive											
Negative X	×	×	×	×	<u>N</u>						
4.5.2 - Aquaculture Previous answer Cycle 2 (01/08/ • Not relevant	(2012):										
Relevant			× Not relevant	X Not relevant							
 4.5.3 - Land conversion Previous answer Cycle 2 (01/08/ Not relevant 	/2012):										
Relevant			× Not relevant								
4.5.4 - Livestock farming/G Previous answer Cycle 2 (01/08/ • Not relevant		esticated animal	s								
Relevant			× Not relevant								
4.5.5 - Crop production Previous answer Cycle 2 (01/08/ • Not relevant	(2012):										
Relevant			× Not relevant								
4.5.6 - Commercial wild pla Previous answer Cycle 2 (01/08/ • Not relevant											
Relevant			× Not relevant								
 4.5.7 - Subsistence wild pla Previous answer Cycle 2 (01/08/ Not relevant 											
Relevant			X Not relevant								
4.5.8 - Commercial hunting Previous answer Cycle 2 (01/08/ • Not relevant	-										
Relevant			× Not relevant								
 4.5.9 - Subsistence hunting Previous answer Cycle 2 (01/08/ Not relevant 											
Relevant			X Not relevant								
4.5.10 - Forestry/Wood pro Previous answer Cycle 2 (01/08/ • Not relevant											
Relevant			X Not relevant								

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

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (01/08/2012):

Not relevant

Relevant

× Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (01/08/2012):

Relevant, Negative, Poter Relevant	Impact	9 Potential	Origin ③ Inside	C Outside	Trend of impact	⇒ Stable	Increasing			
-			1	Not role vant						
 Relevant, Negative, Poter 		X Relevant				Not relevant				
4.7.7 - Pests Previous answer Cycle 2 (01/08/		le								
Relevant			X Not relevant							
4.7.6 - Water (rain/water tal Previous answer Cycle 2 (01/08/ • Not relevant	•									
Relevant			X Not relevant							
 4.7.5 - Dust Previous answer Cycle 2 (01/08/ Not relevant 	/2012):									
Relevant			X Not relevant							
 4.7.4 - Radiation/Light Previous answer Cycle 2 (01/08/ Relevant, Negative, Poter 		le								
Relevant			X Not relevant							
 4.7.3 - Temperature Previous answer Cycle 2 (01/08/ Relevant, Negative, Poter 		le								
Relevant			× Not relevant							
 4.7.2 - Relative humidity Previous answer Cycle 2 (01/08/ Relevant, Negative, Poter 		le								
Relevant			× Not relevant							
 4.7.1 - Wind Previous answer Cycle 2 (01/08/ Relevant, Negative, Poter 		le								
4.7. Local conditions affe	cting physical	fabric								
4.6.5 - Please comment as positively	necessary on I	now the factors	selected as r	elevant in 4.6 a	re affecting the pro	perty either r	egatively or			
Relevant			X Not relevant							
 4.6.4 - Water (extraction) Previous answer Cycle 2 (01/08/ Not relevant 	/2012):									
Relevant			× Not relevant							
 4.6.3 - Oil and gas Previous answer Cycle 2 (01/08/ Not relevant 	/2012):									
			X Not relevant							
Relevant										

×

×

×

×

Negative X

7

4.7.8 - Micro-organisms

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Potential, Inside, Outside

Relevant			× Not releva	nt				
4.7.9 - Please comment as positively Related with invasive species of			selected as	relevant in 4.7 a	are affecting the pro	operty either n	egatively or	
4.8. Social/Cultural uses of	of heritage							
4.8.1 - Ritual/Spiritual/Relig Previous answer Cycle 2 (01/08/2 • Not relevant		ciative uses						
Relevant			× Not releva	nt				
4.8.2 - Society's valuing of Previous answer Cycle 2 (01/08/: • Not relevant								
Relevant			× Not releva	nt				
 4.8.3 - Indigenous hunting, Previous answer Cycle 2 (01/08/2 Not relevant 		collecting						
Relevant			× Not releva	nt				
4.8.4 - Changes in tradition Previous answer Cycle 2 (01/08/2 • Not relevant	-	and knowledge s	system					
Relevant			× Not releva	nt				
4.8.5 - Identity, social cohe Previous answer Cycle 2 (01/08/2 • Not relevant		in local populati	on and com	nmunity				
Relevant			× Not releva	nt				
 4.8.6 - Impacts of tourism/V Previous answer Cycle 2 (01/08/2 Relevant, Negative, Curre 	2012):							
X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	9 Potential	 Inside 	C Outside	Solution Decreasing	⇒ Stable	Increasing	
Positive X	×		×	×		→		

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

×

More interpretive infrastructure is needed, such as a visitor center, interpretive label, fauna and flora guides, and other resources to improve the tourism experience. Tourism when is sustentable is a conservation tool and a source of financial resources

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4.9. Other human activities

4.9.1 - Illegal activities

😂 Negative 🗙

- Previous answer Cycle 2 (01/08/2012):
 - Relevant, Negative, Current, Potential, Inside, Outside

×

х

X Relevant					Not relevant				
		Impact O		Origin		Trend of impact			
	Impact	4 Current	Potential	 Inside 	C Outside	Secreasing	⇒ Stable	Increasing	

OPositive						
Negative X		×	×	×	\rightarrow	
 4.9.2 - Deliberate destruction Previous answer Cycle 2 (01/08/. Not relevant 	-					
Relevant			X Not relevant			
 4.9.3 - Military training Previous answer Cycle 2 (01/08/. Not relevant 	2012):					
Relevant			× Not relevant			
4.9.4 - WarPrevious answer Cycle 2 (01/08/2Not relevant	2012):					
Relevant			× Not relevant			
 4.9.5 - Terrorism Previous answer Cycle 2 (01/08/. Not relevant 	2012):					
Relevant			× Not relevant			
 4.9.6 - Civil unrest Previous answer Cycle 2 (01/08/. Not relevant 	2012):					
Relevant			× Not relevant			

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

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

× Relevant			I	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			1

4.10.2 - Flooding

Previous answer Cycle 2 (01/08/2012):

Not relevant

× Not relevant

4.10.3 - Drought

Relevant

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×				1

4.10.4 - Desertification

Previous answer Cycle 2 (01/08/2012):

Not relevant

Relevant

× Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

× Relevant			I	Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			

4.10.6 - Temperature change

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			1

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

× Relevant	Not relevant							
	Impact Origin				Trend of impact	ıct		
Impact	4 Current	Potential	 Inside 	Cutside	Secreasing	⇒ Stable	Increasing	
O Positive								
Negative X	×	×	×	×		→		

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

Direct impacts of climate change in coral reef ecosystems and cloudy forest

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

- Previous answer Cycle 2 (01/08/2012):
 - Not relevant

Relevant	× Not relevar	nt		
4.11.2 - EarthquakePrevious answer Cycle 2 (01/08/2012):Not relevant				
Relevant	× Not relevan	nt		
 4.11.3 - Tsunami/Tidal wave Previous answer Cycle 2 (01/08/2012): Relevant, Negative, Potential, Inside, Out 	side			
X Relevant		Not relevant		
Impact	Origin		Trend of impact	

Impact	4 Current	Potential	 Inside 	Cutside	Secreasing	⇒ Stable	Increasing
O Positive							
Negative X		×	×	×		→	
4.11.4 - Avalanche/Landsli	de						

Previous answer Cycle 2 (01/08/2012):

Relevant, Negative, Potential, Inside

X Relevant	I	Not relevant					
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X		×	×			→	

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside

X Relevant		Not relevant							
	Impact		Origin		Trend of impact				
Impact	4 Current	Potential	Inside	C Outside	Secreasing	⇒ Stable	Increasing		
O Positive									
Negative X	×	×	×			\rightarrow			
 4.11.6 - Fire (wildfire) Previous answer Cycle 2 (01/08/2012): Not relevant 									
Relevant			X Not relevan	+					

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Potential, Inside, Outside

X Relevant	1	Not relevant					
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Outside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant	I	Not relevant					
	Impact		Origin		Trend of impact		
Impact	Current	9 Potential	Inside	Outside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×	×	×			1

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Potential, Inside

× Relevant

Not relevant

••• Relevant							
	Impact C		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X		×		×	\$		

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Current, Potential, Inside, Outside

X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X	×	×		×		\rightarrow	

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (01/08/2012):

• Relevant, Negative, Potential, Inside

X Relevant	Not relevant						
	Impact Origin				Trend of impact		
Impact	4 Current	Potential	 Inside 	C Outside	Solution Decreasing	⇒ Stable	Increasing
O Positive							
Negative X		×	×			→	

4.12.6 - Modified genetic material

Previous answer Cycle 2 (01/08/2012):

Relevant, Negative, Potential, Inside

Relevant	X Not relevant

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

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

X Relevant				Not relevant				
	Impact Origin			in Trend of impact				
Impact	4 Current	9 Potential	 Inside 	Outside	> Decreasing	⇒ Stable	Increasing	
O Positive X	×		×					
Negative								
4.13.2 - Legal framework								
X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	4 Current	Potential	Inside	Coutside	> Decreasing	⇒ Stable	Increasing	
O Positive X	×		×			→		
Negative								
4.13.3 - Governance								
× Relevant				Not relevant				

Origin

Trend of impact

Impact

Impact	4 Current	9 Potential	 Inside 	Coutside	S Decreasing	⇒ Stable	Increasing
O Positive X	×	×	×	×		→	
Negative							

4.13.4 - Management activities

Previous answer Cycle 2 (01/08/2012):

• Relevant, Positive, Current, Potential, Inside, Outside

X Relevant	Not relevant						
	Impact C		Origin		Trend of impact		
Impact	4 Current	9 Potential	Inside	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive X	×	×	×	×			/
Negative							

4.13.5 - Financial resources

X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	4 Current	9 Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing
O Positive X		×	×	×	N		
Negative X	×		×	×			

4.13.6 - Human resources

× Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	4 Current	Potential	 Inside 	Cutside	> Decreasing	⇒ Stable	Increasing
O Positive X		×	×		S		
Negative X	×		×				1

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (01/08/2012):

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

× Relevant				Not relevant						
	Impact Origin			n Trend of impact						
Impact	4 Current	Potential	 Inside 	C Outside	> Decreasing	⇒ Stable	Increasing			
O Positive X	×	×	×				1			
Negative										

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (01/08/2012):

• Relevant, Positive, Current, Potential, Inside, Outside

Relevant

X 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
4.3 Services Infrastructures			

4.3.1 Water infrastructure	٢	9		٢		→
4.3.2 Renewable energy facilities	٢	9		٢		→
4.3.4 Localised utilities	٢	4		٢		→
	٢		9	٢		→
4.4 Pollution						
4.4.1 Pollution of marine waters						
	9	4	9	٢	Ċ	
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources		~~~	~~~		~	
4.7 Local conditions affecting physical fabric	9	4	4	٢	٢	
4.7.7 Pests						
	٢	9	9	٢	Ċ	1
4.8 Social/Cultural uses of heritage						
4.8.6 Impacts of tourism/Visitation/Recreation	٢	9		۲	Ċ	→
	٢	4	9	٢	Ċ	→
4.9 Other human activities						
4.9.1 Illegal activities						
	٢		9	٢	Ċ	→
4.10 Climate change and severe weather events						
4.10.1 Storms						
	٢	9	9	٢	Ċ	
4.10.3 Drought	9	4	9	٢		1
4.10.5 Changes to oceanic waters						
	٢	9	9	٢	Ċ	
4.10.6 Temperature change						
	0	9	9	٢	Ċ	
4.10.7 Other climate change impacts						
4.11 Sudden ecological or geological events	9	4	9	0	Ċ	→
4.11.3 Tsunami/Tidal wave						
	٢		9	٩	Ċ	→
4.11.4 Avalanche/Landslide						
	٢		9	٢		→
4.11.5 Erosion and siltation/Deposition						
	٢	9	9	٢		→
4.12 Invasive/alien species or hyper-abundant species						
4.12.1 Translocated species						
	9	4	9	۹	Ċ	
4.12.2 Invasive/Alien terrestrial species						
	0	4	9	٢	Ċ	1

4.12.3 Invasive/Ali	en freshwater species									
					0		9		Ċ	\$
4.12.4 Invasive/Ali	en marine species									
					0	9	9		Ċ	→
4.12.5 Hyper-abun	dant species									
					0		9	۹		→
4.13 Management	and institutional factors									
4.13.1 Managemen	nt system/Management pl	an			٢	4		۹		1
4.13.2 Legal frame	work				٢	9		۹		→
4.13.3 Governance	•				٢	9	9	۹	Ċ	→
4.13.4 Managemen	nt activities				٢	9	9	٢	Ċ	
4.13.5 Financial re	sources				•		9	٩	Ċ	2
					0	9		0	Ċ	1
4.13.6 Human reso	ources				٢		9	٢		N
					0	4		٢		1
4.13.7 Low impact	research/monitoring acti	ivities			٢	9	9	٢		1
Legend	4 Current	4 Potential	Negative	O Positive	 Insi 	de		C Outsi	de	

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.3 Services Infrastructures

Name		Impact	:		Origin	Trend
4.3.1 Water	infrastructure	٢	4		۲	→
Snatial sca	le - Area affected by the factor					
_						
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	Impact - Impact on the attributes					
	Insignificant					
	Minor					

Significant

× Major

Manageme	nt response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static

Increasing

Name	Impact	Impact		Origin		Trend
4.3.2 Renewable energy facilities	٥	9		٢		→

Spatial scale - Area affected by the factor

kai	Spatial Sca	le - Area anected by the factor			
Extensive File Bite Bite File	×	Restricted			
keysprad empore empore forume of the impact forum of or ran forum forum of or ran forum forum forum of or ran forum forum of or ran forum fo		Localised			
amport weithing of the impact Ore off or rare Intermittent or sporadic Intermittent or sporadic Frequent On-going amport interview magnificant Insignificant Spoinform Spoinform Major Insignificant Import interview Import interview <td< th=""><th></th><th>Extensive</th><th></th><th></th><th></th></td<>		Extensive			
One off or rare Internition or sporadic Internition or sporadic Frequent On-going magnificant Insignificant Moro Spolation Major Internition or sporadic High capacity of management to respond High capacity Voc capacity and / or resources rend-to voer the last 6 years Sporasing Action Sporasing Intersporasing Intersporasing Intersporasing		Widespread			
Internition or sporadic Internition or sporadic Frequent Or-going spinificant Insignificant Significant Insignificant	Temporal	scale - Occurence of the impact			
Fequent Fequent Inspinificant Insignificant Significant Insignificant Insignint Insignificant <th></th> <th>One off or rare</th> <th></th> <th></th> <th></th>		One off or rare			
k On-going mpact-to the attributes insignificant Minor goinficant insignificant		Intermittent or sporadic			
Impact - Impact		Frequent			
Insignificant Insignificant <td< th=""><th>×</th><th>On-going</th><th></th><th></th><th></th></td<>	×	On-going			
Minor Significant Major Itamaetic Capacity of management to respond Madium capacity Medium capacity Ko capacity and / or resources Itamaetic Capacity and / or resources Render Ko capacity and / or resources Site Itamaetic Capacity Itamaetic Capacity and / or resources Render Itamaetic Capacity	Impact - In	npact on the attributes			
Significant Major Hanacommetric Capacity of management to respond Hanacommetric Capacity of management to respond Major Major Law capacity Medium capacity Low capacity Ive capacity and / or resources rend-tower the last 6 years Decreasing Ive capacity Ive capacity Ive capacity and / or resources		Insignificant			
kai		Minor			
Image we were were were were were were were		Significant			
High capacity Medium capacity Low capacity No capacity and / or resources rend - Decreasing Static Increasing	×	Major			
 Medium capacity Low capacity No capacity and / or resources rend - Decreasing Static Increasing	Manageme	nt response - Capacity of management to respond			
Low capacity No capacity and / or resources rend - Decreasing Static Increasing		High capacity			
No capacity and / or resources rend - Decreasing Static Increasing	×	Medium capacity			
rend - Developement over the last 6 years Decreasing Static Increasing		Low capacity			
Decreasing Static Increasing		No capacity and / or resources			
Static Increasing	Trend - De	velopement over the last 6 years			
Increasing		Decreasing			
	×	Static			
lame Impact Origin Trend		Increasing			
lame Impact Origin Trend					
	Name		Impact	Origin	Trend

		0	4	٢	→
Spatial	scale - Area affected by the factor				
×	Restricted				
	Localised				
	Extensive				
	Widespread				
Tempor	al scale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact -	Impact on the attributes				
	Insignificant				
	Minor				
×	Significant				
	Major				
Manage	ment 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				

4.4 Pollution

Name		Impact			Origin		Trend
4.4.1 Pollu	tion of marine waters						
		9	9	9	۲	Ċ	
Spatial sca	ale - Area affected by the factor						
	Restricted						
	Localised						
×	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going						
Impact - Im	npact on the attributes						

	Insignificant
	Minor
×	Significant
	Major
Manageme	ent response - Capacity of management to respond
	High capacity
	Medium capacity
×	Low capacity
	No capacity and / or resources
Trend - De	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.5 Biological resource use/modification

Name		Impact		Origin	Trend		
4.5.1 Fishin	ng/collecting aquatic resources						
		0	9	9	٢	٢	\$
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
×	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
×	Decreasing						
	Static						
	Increasing						

4.7 Local conditions affecting physical fabric

Name		Impact			Origin		Trend
4.7.7 Pests	.7.7 Pests						
		0	9	9	٩	Ċ	1
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - Dev	velopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						

4.8 Social/Cultural uses of heritage

Name		Impact		Origin		Trend		
4.8.6 Impa	4.8.6 Impacts of tourism/Visitation/Recreation		9		۲	Ċ	→	
			9	9	0	Ċ	\rightarrow	
Spatial sca	le - Area affected by the factor							
×	Restricted							
	Localised							
	Extensive							
	Widespread							
Temporal	Temporal scale - Occurence of the impact							
	One off or rare							

	Intermittent or sporadic
×	Frequent
	On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.9 Other human activities

Name		Impact		Origin		Trend	
4.9.1 Illega	9.1 Illegal activities						
		0		9	٢	Ċ	→
Spatial sc	ale - Area affected by the factor						
opanaroo	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - In	npact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Managemo	ent 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 Sto	4.10.1 Storms							
		0	9	9	۲	Ċ	/	
Spatial sc	ale - Area affected by the factor							
	Restricted							
x	Localised							
	Extensive							
	Widespread							
Temporal	scale - Occurence of the impact							
	One off or rare							
×	Intermittent or sporadic							
	Frequent							
	On-going							
Impact - Ir	npact on the attributes							
	Insignificant							
×	Minor							
	Significant							
	Major							
Managem	ent response - Capacity of management to respond							
	High capacity							
	Medium capacity							
×	Low capacity							
	No capacity and / or resources							
Trend - De	velopement over the last 6 years							
	Decreasing							
	Static							
×	Increasing							
Name 4.10.3 Dro	ught	Impact			Origin		Trend	
4.10.0 010	-91.	٢	9	9	۲		7	
			-1	-1	Q		*	
Spatial sc	ale - 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 - Im	npact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	ent response - Capacity of management to respond
	High capacity
	Medium capacity
	Low capacity
×	No capacity and / or resources
Trend - De	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

Name	Impact	i		Origin		Trend
4.10.5 Changes to oceanic waters						
	0	9	9	۹	Ċ	

Spatial scale - Area affected by the facto

Restricted Localised Localised Restricted Restricted Intermitter De off or rare Intermitter or sporadic Intermitter or sporadic Prepert Intermitter or sporadic Intermitter or sporadic <th>Spatial sca</th> <th>le - Area affected by the factor</th>	Spatial sca	le - Area affected by the factor
Kanaka Extensive Extensive Widespread Fereporat One off or rare Intermittent or sporadic Intermittent or sporadic		Restricted
Midespread Vielespread Temporal Course of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - to the attributes Insignificant Minor Minor Minor Minor Minor Minor Maginficant Maginficant Minor Minor <tr< th=""><th></th><th>Localised</th></tr<>		Localised
Temporal - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - Ur be attributes Insignificant Minor Significant Minor Minor Magor Management to respond Minor Management to respond Management to respond Minor Management to respond Management to respond Minor Management to respond Minor Management to respond Management to respond Minor Management to respond Minor Management to respond	×	Extensive
No off or rare Intermittent or sporadic Frequent On-going Impact - tor the attributes Insignificant Minor Significant Minor Hanagement to respond Maior Hanagement to respond Minor		Widespread
K Internitient or sporadic Frequent Frequent On-going Internitibutes Impact - Internitibutes Minor Significant Significant Minor Minor Impact - Internitibutes Minor Impact	Temporal s	icale - Occurence of the impact
Fequent Projoig Impact - Impac		One off or rare
An equipart of the attributes Impact - Impact - Impact of the attributes Insignificant Minor Significant Major Management to respond Impact - Impact of the attributes Management to respond Medium capacity	×	Intermittent or sporadic
Impact - Impact - Impact - Impact attributes Insignificant Insignificant X Significant Major Management to respond Impact - Lapacity of management to respond Medium capacity		Frequent
Insignificant Minor X Significant Major Management to respond Maior Maior Management to respond Might capacity Medium capacity		On-going
Minor X Significant Major Management to respond Minor High capacity of management to respond Minor Main capacity	Impact - Im	pact on the attributes
X Significant Major Management to respond High capacity of management to respond Might capacity		Insignificant
Major Management response - Capacity of management to respond High capacity Medium capacity		Minor
Management response - Capacity of management to respond High capacity Medium capacity	×	Significant
High capacity Medium capacity		Major
Medium capacity	Manageme	nt response - Capacity of management to respond
		High capacity
Low capacity		Medium capacity
		Low capacity
X No capacity and / or resources	×	No capacity and / or resources

Trend - Development over the last 6 years Decreasing Static N

Name		Impact		Origin	Trend		
4.10.6 Te	mperature change						
		0	9	9	٢	Ċ	
Spatial s	cale - Area affected by the factor						
	Restricted						
	Localised						
×	Extensive						
	Widespread						
Tempora	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact -	mpact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Managen	nent response - Capacity of management to respond						
	High capacity						
	Medium capacity						
	Low capacity						
×	No capacity and / or resources						
Trend - D	evelopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Nome		Impact			Origin		Trend
Name	her climate change impacts	Impact			Origin		Trend

4.10.7 Other climate change impacts							
		0	4	9	۹	Ċ	→
Spatial sca	le - 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 - Im	pact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	nt response - Capacity of management to respond
	High capacity
	Medium capacity
	Low capacity
×	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.11 Sudden ecological or geological events

Name		Impact		Origin		Trend
4.11.3 Tsu	4.11.3 Tsunami/Tidal wave					
		0	9	٢	٢	→
Spatial sca	le - 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 - In	pact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Manageme	nt 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		Impac	t		Origin	Trend
4.11.4 <i>A</i>	Avalanche/Landslide	_				
		0		4	٩	→
Spatial	scale - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Tempor	al scale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going					
Impact	- Impact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manage	ement response - Capacity of management to respond					
	High capacity					
	Medium capacity					
	Low capacity					

× No capacity and / or resources

Trend - Developement over the last 6 years

Trend - Dev	enopenient over the last o years
	Decreasing
×	Static
	Increasing

Name		Impact			Origin	Trend
4.11.5 Eros	ion and siltation/Deposition					
		0	4	9	۲	→
Spatial sca	le - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					

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

4.12 Invasive/alien species or hyper-abundant species

Name		Impact			Origin		Trend
4.12.1 Tran	slocated species						
		9	9	9	٢	G	
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt 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 ×

M	-			
IN	а	п	16	
	•		.,	•

Name		Impact			Origin		Trend
4.12.2 Inva	sive/Alien terrestrial species						
		0	9	9	٩	(F	
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						

Trend - Developement over the last 6 years

No capacity and / or resources

	Decreasing
	Static
×	Increasing

Impact

0

Origin

Name 4.12.3 Invasive/Alien freshwater species Spatial scale - Area affected by the factor

×	Restricted
	Localised
	Extensive

Trend

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

Name	Impact			Origin		Trend
4.12.4 Invasive/Alien marine species						
	٢	9	9		٢	→
Spatial scale - Area affected by the factor						_
Spatial Stale - Area aneticu by the factor						
Restricted						

	Localised
×	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	npact on the attributes
Impact - Im	Insignificant
	Insignificant
	Insignificant Minor
×	Insignificant Minor Significant
×	Insignificant Minor Significant Major

×	Low capacity
	No capacity and / or resources
Trend - De	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name	Impact		Origin		Trend	
4.12.5 Hyper-abundant species						
	0		9	٢		→

Spatial scale - Area affected by the factor

opatiai sea	
×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	nt response - Capacity of management to respond
	High capacity
	Medium capacity
×	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

4.13 Management and institutional factors

Name		Impact			Trend
4.13.1 Management system/Management plan		9		۲	
Spatial scale - Area affected by the factor					
Restricted					
Localised					

	Extensive
×	Widespread
Temporal s	cale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
	Minor
	Significant
×	Major
Manageme	nt response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

Name		Impact			Origin	
4.13.2 Legal framework		9		٢		→

Spatial scale - Area affected by the fact

	Restricted				
	Localised				
	Extensive				
×	Widespread				
Temporal s	scale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	ipact on the attributes				
	Insignificant				
	Minor				
	Significant				
×	Major				
	nt response - Capacity of management to respond				

High capacity

×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name		Impact			Origin	
4.13.3 Governance		9	9	٢	G	→

Spatial scale - Area affected by the factor

Spatial Sca	le - Area anected by the factor
	Restricted
	Localised
	Extensive
×	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	pact on the attributes
	Insignificant
	Minor
	Significant
×	Major
Manageme	nt response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

Name				Origin		Trend
4.13.4 Management activities		4	9	۲	Ċ	
Spatial scale - Area affected by the factor						
Restricted						
Localised						
Extensive						

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

Name

Name		t		Origin		Trend
4.13.5 Financial resources	٢		9	٢	Ċ	\$
	0	9		۲	Ċ	1

Spatial scale - Area affected by the factor

Restricted Accileade Localieade Extensive Videograad Composition Image: Section	opatial sea	e - Area anecteu by the factor
kansia ka		Restricted
Kaspead Fetporation Fetporation Intermittent or sporadic Intermittent or sporadic Fequent Intermittent or sporadic Intent or sporadic Intent or sporad		Localised
Temporal One off or rare Intermittent or sporadic Intermittent or sporadic Intermittent or sporadic Prequent Impact - Uncode Intermittent or sporadic Impact - Uncode Insignificant Impact - Uncode Impact - Uncode		Extensive
Note off or rare Intermittent or sporadic Frequent On-going Impact - int thattributes Insignificant Minor Significant Minor Magor	×	Widespread
Intermittent or sporadic Fequent Impact - Impact	Temporal s	cale - Occurence of the impact
Frequent Impact - I		One off or rare
Impact -		Intermittent or sporadic
Impact - Impact - Impact on the attributes Insignificant Minor X Significant Major Impact - I		Frequent
Insignificant Minor Significant Major	×	On-going
Minor X Significant Major	Impact - Im	pact on the attributes
X Significant Major		Insignificant
Major Management response - Capacity of management to respond		Minor
Management response - Capacity of management to respond	×	Significant
		Major
	Manageme	nt response - Capacity of management to respond
righ capacity		High capacity
X Medium capacity	×	Medium capacity

	Low capacity
	No capacity and / or resources
Trend - De	velopement over the last 6 years
	Decreasing
×	Static
	Increasing

ame		t		Origin	Trend
4.13.6 Human resources			9	۹	5
	0	9		۲	1

Spatial scale - Area affected by the factor

	Restricted					
	Localised					
	Extensive					
×	Widespread					
Temporal s	scale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	apact on the attributes					
	Insignificant					
	Minor					
	Significant					
×	Major					
Manageme	Int response - Capacity of management to respond					
	High capacity					
	Medium capacity					
×	Low capacity					
	No capacity and / or resources					
Trend - Dev	velopement over the last 6 years					
	Decreasing					
×	Static					

Increasing

Name		Impact			Origin	
4.13.7 Low impact research/monitoring activities		9	9	۲		
Spatial scale - Area affected by the factor						
Spatial scale - Area affected by the factor						
Restricted						

Localised

Extensive

х

	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
	Intermittent or sporadic
	Frequent
×	On-going
Impact - Im	npact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	ent response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	velopement 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	endemic animals	×			
4.18.1.2	pelagic species	×			
4.18.1.3	endemic plants	×			
4.18.1.4	Conectivity with other WHS	×			
4.18.1.5	Marine ecological process	×			

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 inadequate to maintain the property's Outstanding Universal Value because some attributes of the property are outside the boundary

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

The boundaries are not known by the management authority or 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 **do not limit** the ability to maintain the property's Outstanding Universal Value but they could be improved

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 the management authority but are not known by 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 Cocos Island Marine and Terrestrial Conservation Area is strictly protected under Costa Rican legislation. The government's commitment for the preservation of this area has been clearly established by the following actions:

In 1978, Executive Decree N. 08748-A declared the island a National Park (under IUCN's management category IV). This decree was reinforced in 1982 by Law N. 6794. In 1991, a new Executive Decree (N. 20260) extended the Park's limits to include the marine habitats within a distance of 15 km around the island, making this a zone of absolute protection, where extractions of marine resources, as well as any commercial, industrial or agricultural activities, are prohibited.

Furthermore, in 1995, Executive Decree N. 23461 specifically forbids treasure hunting expeditions within the area. More recently, in 1995 and through Executive Decree N. 24652, Cocos was granted the category of "Conservation Area" including its marine and terrestrial components.

Thus, the island is included in a strict protection regime, supported by a strong juridical and administrative system. Even the Costa Rican Constitution of 1949 contains specific reference to Cocos, asserting it is "part of the national territory", and in 1990, the country's Constitutional Court established the extension of the National Park up to 15km from the island to include its surrounding waters.

Source: 1997 Nomination File

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 the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property is inadequate

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?

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

5.2.5 - 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 is inadequate to ensure 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 no effective capacity/resources to enforce legislation and/or regulation in the World Heritage property

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

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.

A statutory Management Plan or zoning plan for the property.

Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups

A management plan

An annual work plan or business plan

A visitor/visitation management plan

An assessment of biological and cultural diversity and ecosystem services provided by the property

Other (please specify below)

Public Use Regulation

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

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source	
General Management Plan for the Island	In Force	Available	2002		

Comment

General Managment Plan was update for a new period 2016-2026

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?

No 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:

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

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

5.3.13 - Is the management system being implemented?

The management system is being only partially implemented

5.3.14 - Is there an annual work/action plan and is it being implemented? An annual work/action plan exists 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	NGO's and Stu	dy Center (Universities, Institu	utes)		

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

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.)	10 %	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.)	30 %	0 %
6.1.1.6	Governmental (national/federal)	10 %	70 %
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.)	50 %	25 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	5 %
		Total 100 %	Total 100 %

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

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

There is no budget for the effective management of the World Heritage property despite an identified need

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

Budget needs are identified in the Management Plan and the financial gap for effective management has also been defined. This financial gap is considerable and there are no planned actions to date to minimize it and secure funds in the short, medium or long term. The safest financial sources today are those provided by the central government; however, they always suffer budget cuts due to fiscal issues and with the pandemic it became clear that these sources are not entirely safe

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	0 %	65 %
6.1.6.2	Women	0 %	35 %
		Total 0 %	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	Poor
Environmental sustainability	Poor
Community participation and inclusion	Not available
Risk preparedness	Not available
Capacity development and education	Not available
Administration	Poor
Research and monitoring	Fair
Awareness raising and public information/communication	Not available
Marketing and promotion	Not available
Interpretation	Not available
Visitor management/tourism	Not available
Enforcement (custodians, police)	Poor

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

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

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.

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

A site-based capacity building plan or programme has been developed but it is not implemented and skills are not being transferred

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

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 **comprehensive**, **integrated programme** of research, which is relevant to 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 widely with active outreach to local communities and national and international audiences

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

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

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

There is a limited and ad hoc education and awareness programme for children and/or youth

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

Women		
Youth/children		
Local Visitors		
National/international tourists		
Other specific groups		
Costa Rica citizen		

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	Not provided but needed
Trails/routes	Not provided but needed

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

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

9. Visitor Management

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

1855 / 926 / 3043 / 3086 / 2561 /

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

Tourism industry Other
Other
Volunteer and research registries

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

More than four overnight stays

9.4 - Please provide the source of information

SEMEC-SINAC Statistics of Conservation Area

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

It is included in the transport because it is under liveaboard mode / It is included in the transport because it is under liveaboard mode / From \$4,049.00 to \$6,798.00 / \$25-\$50 / \$20-\$40 / Variable /

9.6 - Please provide the source of information

The Cocos Marine Conservation Area carried out a study to determine the contribution of ecosystem services, specifically sustainable tourism was calculated at an annual contribution of \$19,682,466.56

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 planned and effective strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property

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

In the World Heritage Site development sustainable tourism with very low impact and adequate to the load capacity of the system.

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

management of visitor flow and limits of acceptable change. The ecological integrity of the ecosystem is also monitored

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 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, 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

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

The Marine Protected Area does charge entrance fees, research, diving and filming activities; however, the money collected is part of a single State fund, which is then divided in solidarity as a budget for all the protected areas of the country

10. Monitoring

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

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

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

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

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

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

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

We have a Management Effectiveness Monitoring Tool and additionally an ecological integrity monitoring system. Both assess aspects of site management and ecosystem health status (coinciding with WHS OUVs)

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

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

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.

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.1	Inadequacies in the boundaries make it difficult to maintain the property's Outstanding Universal Value since some attributes of the property are outside the boundary	
5.1.2	The boundaries of the World Heritage property are not known by the management authority or local communities/landowners	
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	×
5.2	Protective Measures	
5.2.3	The legal framework for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property is inadequate	×
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	×
5.2.5	The legal framework for the broader setting of the World Heritage property and the buffer zone is inadequate to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	×
5.2.6	There is no effective capacity/resources to enforce legislation and/or regulation in the World Heritage property	×
5.3	Management System/Management Plan	
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.12	The management system/plan is only partially adequate to maintain the property's Outstanding Universal Value	
5.3.13	The management system at the property is only being partially implemented	х
6.1	Funding	
6.1.3	There is no budget for effective management of the World Heritage property despite an identified need	
6.1.7	Human resources are inadequate for the management needs of the World Heritage property	х
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	х
6.1.12	A site-based capacity building plan or programme has been developed but it is not implemented and skills are not being transferred	
8	Education, Information and Awareness Building	
8.2	There is a limited and ad hoc education and awareness programme for children and/or youth	×
9	Visitor Management	
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	×
Pleas	e select 0 more issues.	
D Ple	ase 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

4.4	Pollution						
4.4.1	Pollution of marine waters	It affects the dynamics and composition of the ecosystems, it is a direct affectation to the OUV	The issue of microplastics and ghost nets, such as fishing waste, is being studied. Very successful solid waste management is being implemented in the PNIC	The issue of microplastics and ghost nets, such as fishing waste, is being studied.	The waste management system is implemented continuously and research is developed jointly with academia	Academy, ONG, Forest Rangers	N/A
4.7 Local conditions affecting physical fabric							
4.7.7	Pests	Criteria IX and X.	Two projects are being elaborated to understand th correct way to manage the pests. Also, research is bei developed to address the problem.	and birds.		GEF, CAF, SINAC - ACMIC	NA

4.10	Climate change and severe weather events									
4.10.3			Drought							
4.10.5	Changes to oceanic waters	Criteria I	X and X.	Climate Change Plan is being elaborated.	F	To be defined in the plan. Research is also being developed by academic sector.	2023-2024		FAICO, SINAC - ACMIC	NA
4.10.6			Temperate change	ure						
4.10.7			Other clim change im							
4.12	Invasive/alien spe	ecies or hy	per-abunda	ant species						
4.12.1	Translocated species	Criteria IX X.	e A b	a plan for the management an radication id being elaborated Iso, a communication plan is eing elaborated. Also, a bio ecurity indicator is being roduced.	. 	With the academic sector monitoring is being done and impact on native species is being researched. Some population studies have also been developed. Changes on relative abundance have been developed on marine species.	Continuous and o going.	n	Academic sector and SINAC - ACMIC	NA
4.12.2	Invasive/Alien terrestrial species	Criteria IX X.	e A b	Aplan for the management an radication id being elaborated ulso, a communication plan is eing elaborated. Also, a bio ecurity indicator is being roduced.	. 	With the academic sector monitoring is being done and impact on native species is being researched. Some population studies have also been developed. Changes on relative abundance have been developed on marine species.	Continuous and o going.	n	Academic sector and SINAC - ACMIC	NA
4.13	Management and institutional factors									
4.13.5	Financial resources	Criteria I	X and X.	External projects and financing and strategic alliances.		ning tools, POI and ation procedures.	On going.	,	Central Government vate Sector.	NA
4.13.6	Human resources	Criteria	IX and X.	Promotion for volunteering and hiring of workforce through NGO Law.	g	SEMEC statistic reports.	On going.	Proparq	ues, SINAC - ACMIC.	NA
Question not o	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 buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	There has been publicizing of the limits. Also, through official GIS programs. The area has also been shared with fisherman groups and other stakeholders.	On going.	SNIT, IGN, SINAC - ACMIC.	NA	
5.2	Protective Measures					

5.2.3	The legal framework for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property is inadequate	A General Management Plan is being updated which will include a Public Use Area regulation.	2022-2026	SINAC - ACMIC, FAICO, Blue Action Fund.	NA
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	A General Management Plan is being updated which will include a Public Use Area regulation.	2022-2026	SINAC - ACMIC, FAICO, Blue Action Fund.	ΝΑ
5.2.5	The legal framework for the broader setting of the World Heritage property and the buffer zone is inadequate to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	A General Management Plan is being updated which will include a Public Use Area regulation.	2022-2026	SINAC - ACMIC, FAICO, Blue Action Fund.	ΝΑ
5.2.6	There is no effective capacity/resources to enforce legislation and/or regulation in the World Heritage property	External projects and financing and strategic alliances to improve capacity.	On going.	NGO and SINAC - ACMIC.	NA
5.3	Management Sys	tem/Management Plan			
5.3.13	The management system at the property is only being partially implemented	A General Management Plan is being updated.	2022-2026	FAICO, Blue Action Fund and SINAC - ACMIC.	NA.
6.1	Funding				
6.1.7	Human resources are inadequate for the management needs of the World Heritage property	Promotion for volunteering and hiring of workforce through NGO Law.	On going.	NGO's and SINAC - ACMIC.	NA.
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	During the process to update the General Management Plan, this document will be considered.	2022-2026.	FAICO, Blue Action Fund and SINAC - ACMIC.	NA

8	Education, Information and Awareness Building								
8.2	limited and ad	During the process to update the General Management Plan, general strategies for environmental education will be developed.	2022-2026	FAICO, Blue Action Fund and SINAC - ACMIC.	NA				
9	Visitor Manage	ment							
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	During the process to update the General Management Plan, a Public Use Area Regulation will be elaborated.	2022-2026	FAICO, Blue Action Fund and SINAC - ACMIC.	ΝΑ				
Summary - M	anagement 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.

The investigation carried out concludes that the World Heritage Site is currently preserved; however, climate change and other global threats could impact if efforts are not made to strengthen the conservation area. Additionally, we require greater cooperation to manage and manage some threats on the site such as invasive alien species and have biological invasion prevention systems.

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	Positive
Quality of life for local communities and indigenous peoples	Not applicable
Recognition	Positive
Education	Positive
Infrastructure development	Not applicable
Funding for the property	Negative
International cooperation	Positive
Political support for conservation	Positive
Legal/Policy framework	Negative
Advocacy	Positive
Institutional coordination	Positive
Security	No impact
Gender equality	Positive

Provision of ecosystem services/ benefits to local communities	Very positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Positive
Fostering inclusive local economic development and enhancing livelihood	Very positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

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

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

Use of World Heritage logos and insignia. Development of monitoring systems that allow determining the state of conservation of the site. Area expansion to ensure site integrity. Development of a sustainable tourism that allows to enjoy the natural wealth without impacting the outstanding universal values. Development of a regional initiative that connects marine world heritage sites through a marine corridor in the Eastern Tropical Pacific. Strategic alliances and international cooperation for the development of specific projects that allow improving the management of the WHS. Create a marine management area around the site, which allows sustainable use of the resource and at the same time the world heritage site functions as a factory for marine fishery resources. This ensures that the value of the site as a source of ecosystem services can be appreciated by users of the sea.

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

Sustainable Development
Synergies
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 World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
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	Poor
Site Managers	Fair
UNESCO World Heritage Centre	Poor
Advisory Bodies (ICOMOS, IUCN, ICCROM)	No follow-up

15.2. Use of Data

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

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

Fundraising		

Awareness raising

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

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

Gender balance has not been explicitly considered or implemented in the process.

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

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

36 hours / 0 hours / 120 hours /

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

It is important to generate some instructions, for example that it involves the participation of stakeholders or that it be done in a coordinated manner by the World Heritage Commissions. They should also do a Spanish version of the questionnaire. Finally, it is important to include a section where reports and other evidence of some questions can be uploaded.

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	No support
UNESCO (other sectors/field offices)	No support
UNESCO National Commission	No support
ICOMOS International	Not applicable
IUCN International	No support
ICCROM international/regional	Not applicable
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	No support
State Party Representative (national Focal Point)	No support
UNESCO other sectors (e.g. field office)	No support
National Commission for UNESCO	No support
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
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?

Not applicable (i.e. I did not use these resources)

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

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

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

No item were proposed for update

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

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