

# Pitons Management Area

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Pitons Management Area

### 1.2 - World Heritage property details

#### Comment

Change naturel to natural.

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Pitons Management Area	13.807 / -61.07	2909	0	2909	2004
Total (ha)		2909	0	2909	

### 1.4 - Map(s)

Title	Date	Link to source
The Pitons Management Area Zones; Scale: 1:40 000	2003	

#### Comment

Please see link for updated map. [https://drive.google.com/file/d/12pc8Gpa0ch0\\_RiLR9P8da5qB-vRXDFjA/view?usp=sharing](https://drive.google.com/file/d/12pc8Gpa0ch0_RiLR9P8da5qB-vRXDFjA/view?usp=sharing)

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

1. [Natural site datasheet from WCMC](#)

#### Comment

Facebook Page: <https://www.facebook.com/PitonsManagementArea/> Website: <https://www.pma.govt.lc/en/> Instagram: <https://www.instagram.com/pmaoffice/>

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

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

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

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

Two wetlands are protected under the Ramsar Convention: Mankote and Savannes Bay. However these do not fall within the Pitons Management Area.

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

No

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

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

Not applicable

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

No

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

Yes

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

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

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

Saint Lucia is not a signatory to any of the aforementioned Conventions with the exception of the Ramsar Convention.

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

No

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

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

Not aware

**2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World**

Programme of which you aware.

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

Belonging to the Lesser Antilles, the volcanic island of Saint Lucia is located in the Eastern Caribbean Sea and surrounded by the Atlantic Ocean. The Pitons Management Area (PMA) in the Southwest of Saint Lucia is a multiple use conservation and management area of 1,134 hectares of land and 875 hectares of sea, respectively, totaling 2,909 hectares. The eponymous Pitons, two towering volcanic spires, are the major iconic landmark of the island. These spectacular twin pinnacles, Gros Piton and Petit Piton, rise side by side from the sea to 770 and 743 m.a.s.l., respectively. They are bridged by an inland ridge and tower above an accessible caldera-like formation known as the Qualibou Depression. The PMA finds itself within the Soufriere Volcanic Centre and encompasses a wide range of its diverse geological features, including a site of geothermal activity with fumaroles and hot springs, known as the Sulphur Springs. Petroglyphs and diverse artifacts bear witness of the Amerindian Carib population which historically inhabited what is now the PMA.

Despite the small extension there is a high diversity of terrestrial habitats, flora and fauna. The dominant vegetation is comprised of various forest types, including rare elfin woodland on the summits. Small, little disturbed patches of natural forests remain, preserved by the steepness of the land.

The Marine Management Area within the PMA is a strip of roughly 11 km long and about one kilometre wide along the shore. It comprises a steeply sloping continental shelf with healthy fringing and patch reefs covering more than 60 % of the marine area, boulders and sandy plains. The diverse marine and coastal habitats harbour important marine life. Hawksbill turtles are seen inshore, and whale sharks and pilot whales offshore.

**Criterion (vii):** The PMA derives its primary visual impact and aesthetic qualities from the Pitons, two adjacent forest-clad volcanic spires rising abruptly from the sea to heights greater than 700 m.a.s.l. The Pitons predominate over the Saint Lucian landscape, being visible from virtually every part of the island and providing a distinctive landmark for seafarers. The combination of the Pitons against the backdrop of unspoiled lush and diverse natural tropical vegetation and a varying topography in a coastal setting gives the property its stunning natural beauty.

**Criterion (viii):** The PMA contains the greater part of a collapsed stratovolcano contained within the volcanic system, known to geologists as the Soufriere Volcanic Centre. Prominent within the volcanic landscape are two remnant volcanic peaks, Gros Piton and Petit Piton. The Pitons occur with a variety of other volcanic features including cumulo domes, explosion craters, pyroclastic deposits (pumice and ash), and lava flows. Collectively, these fully illustrate the volcanic history of an andesitic composite volcano associated with crustal plate subduction.

Integrity

The boundaries of PMA have been determined to cover the area's outstanding volcanic features and were extended during the nomination process. The expanded area includes a broader range of volcanic features, but also a greater proportion of privately owned and rural residential land. The land boundary of the PMA is based on natural and man-made elements, including land contour, water courses, roadways and land tenure.

Slightly more than half of the PMA is on governmental land with the remaining land in private hands. While the conservation areas and the marine portions of the PMA are uninhabited, there are approximately 1,500 residents living within the Terrestrial Multiple Use Zones. The zonation responds to the different demands in a property that explicitly attempts to strike a balance between resource use and nature conservation. The marine boundary about one kilometre off-shore, is the 75m depth contour, which circumscribes the coral reef. Within the PMA, the Soufriere Marine Management Area (SMMA) is a multiple use marine area in its own right.

Given the predominance of the volcanic phenomena and the scenic beauty, the boundaries adequately cover the key values. The challenge will be to monitor, prepare for and manage natural and man-made threats, including in particular construction of hotels and other buildings which may compromise the visual integrity of the property.

Protection and management requirements

The PMA is a multiple use area based on a Cabinet Decree and was gazetted under the Physical Planning and Development Act of 2001. The Soufriere Marine Management Area (SMMA), established in 1994 under the Fisheries Act, represents the marine component of the PMA. In 2003, the PMA was also declared an Environmental Protection Area and in 2011 a Special Enforcement Area, the latter in response to unauthorized development. There are multiple further statutes applying to the PMA, including on agriculture, forestry, fisheries, soil and water conservation and wildlife protection amounting to a comprehensive legal and policy framework.

The management draws on comprehensive consultation with governmental and civil society stakeholders, including communities in the hinterland of the PMA, and benefits from ecological, socio-economic and cultural research. A Management Plan guides the management of the site.

Despite the comprehensive legal and management framework, a number of threats require permanent attention. Both in the short and longer term the increasingly strong pressure to construct hotels and residential buildings is the single most important threat to the integrity of the relatively small property. This includes central areas of the property of fundamental importance for the visual integrity of the PMA and steep slopes susceptible to erosion. Both the terrestrial and the marine areas of the PMA are important tourist destinations, which adds to the encroachment pressure but may also lead to other impacts.

The rugged terrain provides a degree of natural protection against encroachment and other terrestrial land use, such as agriculture, grazing, extraction of timber and fuel wood, as well as tourism. Still, management is needed both within the propriety and its adjacent communities to maintain the visual attractiveness of the PMA and to minimize the impacts on flora and fauna. There is a need for systematic monitoring and law enforcement, including on private lands. On the latter, lands management arrangements with the owners in line with the values and management objectives of the PMA are needed. Under certain circumstances purchasing of private land may be considered.

Such measures will also benefit the water quality of the marine areas which may be affected by sedimentation and pollution from land-based sources. As for the marine areas, over-fishing and excessive harvesting of other living marine resources could represent a threat and require monitoring.

As in most island settings alien invasive species threaten the local ecosystems. Consequently, monitoring, prevention, control and when possible eradication must be part of management efforts. Furthermore, PMA is susceptible to natural disasters in the form of hurricanes and other severe weather events, possibly aggravated by future climate change. Both terrestrial habitats and reefs are known to be affected by such weather events, through negative impacts from high levels of rainfall, sedimentation and wave action.

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
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3.2.1	Gros Piton	×			
3.2.2	Petit Piton	×			
3.2.3	Sulphur Springs	×			
3.2.4	Petroglyphs		×		
3.2.5	Botanical Gardens	×			
3.2.6	Elfin Woodlands		×		
3.2.7	Coral Reefs		×		
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

Every effort has been made to preserve the outstanding universal value of the PMA. The petroglyphs are out in the open and so may experience some degradations due to weathering. The coral reefs and elfin woodlands are under threat from development and increased frequency and intensity of natural disasters.

## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	×
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#### 4.1.2 - Commercial development

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	×
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#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

Previous answer Cycle 2 (16/11/2012):

- Relevant, Negative, Current, Inside

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


















#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (16/11/2012):

- Relevant, Positive, Current, Outside

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


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

## 4.2. Transportation Infrastructure

### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (16/11/2012):

- Relevant, Positive, Potential, Outside

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

### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	 Not relevant
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### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (16/11/2012):



- Relevant, Positive, Potential, Outside

Relevant	 Not relevant
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### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (16/11/2012):

- Relevant, Positive, Potential, Inside

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

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	 Not relevant
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**4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively**

## 4.3. Services Infrastructures

### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	 Not relevant
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### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (16/11/2012):

- Relevant, Negative, Potential, Inside

Relevant	 Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (16/11/2012):

- Relevant, Negative, Current, Inside

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

There is a potential for geothermal energy explorations within the PMA. This could have potential negative and positive impacts on the World Heritage Site.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (16/11/2012):

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

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

4.4.2 - Ground water pollution

Previous answer Cycle 2 (16/11/2012):

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

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

4.4.3 - Surface water pollution

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant

✕ Not relevant

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 (16/11/2012):

- Not relevant

✕ Relevant

Not relevant

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

4.5.2 - Aquaculture

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant

✕ Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (16/11/2012):

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

✕ Relevant

Not relevant

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

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (16/11/2012):

- Not relevant






Relevant

✕ Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (16/11/2012):

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

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

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.6.2 - Quarrying

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.6.3 - Oil and gas

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.6.4 - Water (extraction)

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

### 4.7. Local conditions affecting physical fabric

#### 4.7.1 - Wind

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.2 - Relative humidity

Previous answer Cycle 2 (16/11/2012):

- Not relevant



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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.7.4 - Radiation/Light

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (16/11/2012):

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

<input checked="" type="checkbox"/> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

#### 4.7.7 - Pests

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

### 4.8. Social/Cultural uses of heritage

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (16/11/2012):

- Not relevant










Relevant	✕ Not relevant
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#### 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (16/11/2012):

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

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

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








#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

Previous answer Cycle 2 (16/11/2012):

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

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

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

##### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.9.4 - War

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.9.5 - Terrorism

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.9.6 - Civil unrest

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 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 (16/11/2012):

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

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

##### 4.10.2 - Flooding

Previous answer Cycle 2 (16/11/2012):

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

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

##### 4.10.3 - Drought

Previous answer Cycle 2 (16/11/2012):

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

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

##### 4.10.4 - Desertification

Previous answer Cycle 2 (16/11/2012):

- Not relevant

Relevant			✕ Not relevant				
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##### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

##### 4.10.6 - Temperature change

Previous answer Cycle 2 (16/11/2012):

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

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

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (16/11/2012):

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

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

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

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (16/11/2012):

- Relevant, Negative, Potential, Inside

Relevant	✕ Not relevant
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##### 4.11.2 - Earthquake

Previous answer Cycle 2 (16/11/2012):

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

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

##### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (16/11/2012):

- Relevant, Negative, Potential, Inside, Outside

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

##### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (16/11/2012):

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

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

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

Previous answer Cycle 2 (16/11/2012):

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

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

##### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (16/11/2012):

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

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

Positive							
Negative							

4.11.7 - 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 (16/11/2012):

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

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

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

Previous answer Cycle 2 (16/11/2012):

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

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

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

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

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

Previous answer Cycle 2 (16/11/2012):

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

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

##### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

##### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (16/11/2012):

- Not relevant

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

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

#### 4.13. Management and institutional factors

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

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

#### 4.13.2 - Legal framework

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

#### 4.13.3 - Governance

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

#### 4.13.4 - Management activities

Previous answer Cycle 2 (16/11/2012):

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

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

#### 4.13.5 - Financial resources

Relevant		✕ Not relevant	
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#### 4.13.6 - Human resources

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

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

Previous answer Cycle 2 (16/11/2012):

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

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

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

Previous answer Cycle 2 (16/11/2012):

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

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

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
















































































































4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

#### 4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.4 Major visitor accommodation and associated infrastructure						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
4.2.4 Marine transport infrastructure						
4.3 Services Infrastructures						
4.3.4 Localised utilities						
4.4 Pollution						
4.4.1 Pollution of marine waters						
4.4.2 Ground water pollution						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
4.5.5 Crop production						
4.5.7 Subsistence wild plant collection						
4.7 Local conditions affecting physical fabric						
4.7.6 Water (rain/water table)						
4.8 Social/Cultural uses of heritage						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						

						
<b>4.10 Climate change and severe weather events</b>						
4.10.1 Storms						
						
4.10.2 Flooding						
						
4.10.3 Drought						
						
4.10.6 Temperature change						
						
4.10.7 Other climate change impacts						
						
<b>4.11 Sudden ecological or geological events</b>						
4.11.4 Avalanche/Landslide						
						
4.11.5 Erosion and siltation/Deposition						
						
4.11.6 Fire (wildfire)						
						
<b>4.12 Invasive/alien species or hyper-abundant species</b>						
4.12.1 Translocated species						
						
4.12.2 Invasive/Alien terrestrial species						
						
4.12.4 Invasive/Alien marine species						
						
<b>4.13 Management and institutional factors</b>						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
<b>Legend</b>	 Current	 Potential	 Negative	 Positive	 Inside	 Outside

## 4.16. Assessment of current and potential positive and negative factors

### 4.16.1 - Assessment of current and potential negative and positive factors

#### 4.1 Buildings and Development



Name	Impact			Origin		Trend
4.1.4 Major visitor accommodation and associated infrastructure						










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

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						











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

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

## 4.2 Transportation Infrastructure






Name	Impact			Origin		Trend
4.2.1 Ground transport infrastructure						
						

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

Name	Impact	Origin	Trend
4.2.4 Marine transport infrastructure	  		
	  	 	

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







## 4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.4 Localised utilities	  		
	 		

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







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

## 4.4 Pollution

Name	Impact	Origin	Trend
4.4.1 Pollution of marine waters			
			
			

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

	Static
	Increasing

Name	Impact	Origin	Trend
4.4.2 Ground water pollution			
			
			

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

	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

#### Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
	Major












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

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

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

	Decreasing
	Static
	Increasing

## 4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.1 Fishing/collecting aquatic resources			
			
			
			











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

	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact







	One off or rare
--	-----------------

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

Name	Impact	Origin	Trend
4.5.5 Crop production	  		
	  		

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

	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.5.7 Subsistence wild plant collection	  	 	
	 		

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






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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
	Major

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

Trend - Development over the last 6 years	
	Decreasing
	Static
	Increasing

## 4.7 Local conditions affecting physical fabric













Name	Impact	Origin	Trend
4.7.6 Water (rain/water table)	  	 	

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

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

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

#### 4.8 Social/Cultural uses of heritage




Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	
	  	 	

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



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

## 4.9 Other human activities

Name	Impact	Origin	Trend
4.9.1 Illegal activities			
			

### Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
	Widespread

### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

### Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
	Major




### Management response - Capacity of management to respond

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

### Trend - Development over the last 6 years

	Decreasing
	Static
	Increasing






## 4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
			

### Spatial scale - Area affected by the factor

	Restricted
--	------------

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




Name	Impact			Origin		Trend
4.10.2 Flooding						
						

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

	Medium capacity
	Low capacity
	No capacity and / or resources

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

	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.10.3 Drought			
			

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

	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

#### Impact - Impact on the attributes




	Insignificant
	Minor
	Significant
	Major

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

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

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






	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.10.6 Temperature change			
			

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

	Restricted
	Localised




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

Name	Impact			Origin		Trend
4.10.7 Other climate change impacts						
						

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

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

#### 4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.4 Avalanche/Landslide			
			




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

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

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







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

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

Name	Impact	Origin	Trend
4.11.5 Erosion and siltation/Deposition			
			

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




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

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						
						

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

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

## 4.12 Invasive/alien species or hyper-abundant species

Name	Impact	Origin	Trend
4.12.1 Translocated species			
			



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

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

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





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

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

Name	Impact	Origin	Trend
4.12.2 Invasive/Alien terrestrial species			
			

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

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







Name	Impact			Origin		Trend
4.12.4 Invasive/Alien marine species						
						

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



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

### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  	 	





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

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

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

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

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

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	







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

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

Name	Impact			Origin	Trend
4.13.3 Governance					

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

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

Name	Impact	Origin	Trend
4.13.4 Management activities	  	 	






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

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

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



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

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

Name	Impact	Origin	Trend
4.13.6 Human resources	  	 	

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

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

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	  		

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

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

#### 4.17. 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

Our property is a natural world heritage site. It is not a serial inscription site.

#### 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	Pitons	✗			
4.18.1.2	Suphur Springs	✗			
4.18.1.3	Petroglyphs		✗		
4.18.1.4					
4.18.1.5					

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

##### 5.1. Boundaries and Buffer Zones

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

The **boundaries** are **inadequate**, which makes it difficult to maintain the property's Outstanding Universal Value

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

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

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

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

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

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

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

The PMA does not have surveyed (properly demarcated) boundaries. Currently funds and technical support are being sought for this activity to be undertaken. This is a huge undertaking as the PMA cover 2909ha and over 50% of the land is privately owned.

##### 5.2. Protective Measures

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

The Pitons Management Area has a very recent legislative basis to govern a multiple use area which is almost half private land. Formalised by Cabinet decree in December 2002, the Pitons Management Area is gazetted under the Physical Planning and Development Act 2001. Within the Pitons Management Area, the Soufriere Marine Management Area (SMMA) was established in 1994 under the Fisheries Act 1984. There are some ten other statutes applying to conservation of the Pitons Management Area covering, among others, agriculture, forestry, fisheries, soil and water conservation and wildlife protection.

Source: Advisory Body Evaluation

##### Comment

The PMA is also guided by the PMA Management Plan (2003). This plan has currently being updated to include a Disaster Risk Reduction (DRR) component.

##### 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

2003 / PMA Management Plan / No / No / No / Yes / No / 2013 /

**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?**

The property has no buffer zone

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

The legal framework for the broader setting of the World Heritage property 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 are major deficiencies in 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**

While the PMA does not have direct legislation to oversee its operations, activities e.g. development remain guided by the Management Plan and the Limits of Acceptable Change Study.

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

Activities of the PMA are also guided by the PMA Advisory Committee (PMAAC) which comprises stakeholders from various agencies including community groups.

**5.3. Management System/Management Plan**

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

Public management system at national level

If 'Other', please specify


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

<input type="checkbox"/> A statutory Management Plan or zoning plan for the property.
<input type="checkbox"/> Traditional ways of management recognised by local communities and other specific groups
<input type="checkbox"/> Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property
<input type="checkbox"/> 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
<input type="checkbox"/> A framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property
<input type="checkbox"/> A management plan

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

The PMA is guided by the Management Plan and the Limits of Acceptable Change (LAC) Study (2013). Monitoring of 20 sites (11 marine and 9 terrestrial) is undertaken twice annually to ensure compliance with LAC Study. Additionally, Community groups like the Fonds Gens Libre community also take ownership of their area and are responsible for nature trails, piton climbing and site visits. The Soufriere Regional Development Foundation (SRDF) also oversee various aspects of the PMA.

**5.3.4 - Management Documents**

Title	Status	Available	Date	Link to source
Pitons Management Area – Management Plan	In Force	Available	2003	

**Comment**

LAC Study 2013

**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?**

Some use has been made of the 2011 Recommendation on the Historic Urban Landscape

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

Old building are being refurbished to reflect their colonial history and certain materials and colours are not permitted on newly constructed buildings.

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

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

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

Communities and stakeholders are sensitised to the impacts of climate change and taught how they could reduce their vulnerabilities through mitigation and

adaptation. This is mostly achieved through summer camps, school visits, workshops and radio interviews.

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

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

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

A disaster risk reduction component is now being incorporated into the Management Plan. This will include a section on access to sustainable financing mechanisms.

### 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					

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

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

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

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality			✗		
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)				✗	
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status				✗	
5.3.17.4	The management system of the property integrates a human rights-based approach				✗	
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood				✗	
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property				✗	

**5.3.18 - Please provide further details on the ratings of the management system given in the table above**

The current Management Plan will be revised to better incorporate social inclusion and equity and the human rights-based approach.

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

There are many things that the PMA wishes to accomplish however funding continues to be our biggest limitation.

## 6. Financial and Human Resources

### 6.1. Funding

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

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

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

The activities for the PMA are all covered by Government of Saint Lucia funds.

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

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

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

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

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

Currently funds have been sought from UNESCO to revitalise the PMA-UNESCO Club. Other funding opportunities are currently being explored to delineate the boundaries.

**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	55 %	50 %
6.1.6.2	Women	45 %	50 %
		Total 100 %	Total 100 %

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

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

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

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

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

Conservation	Fair
Environmental sustainability	Fair
Community participation and inclusion	Poor
Risk preparedness	Poor
Capacity development and education	Poor
Administration	Poor
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Poor
Visitor management/tourism	Fair
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 is in place and partially implemented; some technical skills are being transferred to those managing the property locally, **but most technical work is carried out by external staff**

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

### 7. Scientific Studies and Research Projects

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

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

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

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

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

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

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

**8. Education, Information and Awareness Building**

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

Local communities	Fair
Local/municipal authorities	Good
Indigenous peoples	Fair
Landowners	Poor
Women	Fair
Youth/children	Fair
Researchers	Fair
Local visitors	Fair
National/international tourists	Poor
Tourism industry	Poor
Local businesses and industries	Fair
NGOs	Fair
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 **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

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

Local communities
Indigenous peoples
Women
Youth/children

**8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building**

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

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

The last PMA-UNESCO Summer Camp was held in 2019. The Camp was discontinued due to the recent pandemic.

## 9. Visitor Management

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

Unknown / Unknown / Unknown / Unknown / Unknown /

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

Entry tickets and registries

Other

Information on international tourist arrivals in Saint Lucia is collected by the Dept. of Tourism. I am not aware of any record keeping for visitors to the PMA.

### 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

One needs to distinguish between local and regional/international tourists. Local visitors most times spend a few hours and do not usually overnighth. Regional and especially international tourists would spend about 4 nights. Source:SLHTA

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

Unknown / Unknown / Unknown / Unknown / Unknown / Unknown /

### 9.6 - Please provide the source of information

Financial Comptroller - Soufriere Regional Development Foundation

### 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 **no 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

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

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

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

No

If a different system, please specify

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

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

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

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

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

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

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

**Fees are collected**, 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

Climbing of the Pitons - locals serve as tour guides

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

Yes

If 'Yes', please specify

The foreign exchange remains with the community

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

## 10. Monitoring

### 10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the

## understanding of the Outstanding Universal Value?

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

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

Information on the values of the World Heritage property is **sufficient to define key indicators, but this has not been done**

### 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

20 sites (11 marine and 9 marine) were identified by the lack study. These sites are monitored twice a year and a report produced for the Department of Sustainable Development. This monitoring is restricted to the ensuring that the state of the site has not changed or is not changing significantly.

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

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

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

Implementation is planned, but has not yet begun

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

The main recommendation from the WHC is that the PMA has to clearly define its boundaries. As previously indicated, funding and technical support is currently being sought to begin this extensive undertaking.

### 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
5.1.2	The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners
5.1.3	The property has no buffer zone, but there is a need for one
5.1.4	The property has no known and recognised buffer zone
5.2	Protective Measures

5.2.3	The <b>legal framework</b> for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property <b>is inadequate</b>	
5.2.4	The property has <b>no buffer zone</b>	
5.2.5	The <b>legal framework</b> for the broader setting of the World Heritage property and the buffer zone <b>is inadequate</b> to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.2.6	There are <b>major deficiencies in capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property	
<b>5.3</b>	<b>Management System/Management Plan</b>	
5.3.5	<b>Some use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	<b>Some use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	<b>Some use</b> 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 <b>only partially adequate</b> to maintain the property's Outstanding Universal Value	
5.3.13	The management system at the property is <b>only being partially implemented</b>	
5.3.17	• <b>In a limited manner</b> , the management system of the World Heritage property does <b>contribute to gender equality</b>	
<b>6.1</b>	<b>Funding</b>	
6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property	✕
6.1.7	Human resources <b>partly meet</b> the management needs of the World Heritage property	
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	<b>A site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>	
<b>7</b>	<b>Scientific Studies and Research Projects</b>	
7.1	Knowledge about the values and attributes of the World Heritage property is <b>insufficient</b>	
7.2	There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>	✕
<b>9</b>	<b>Visitor Management</b>	
9.7	There is <b>no strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property	✕
9.9	Visitor use of the World Heritage property is managed but <b>improvements could be made</b>	
9.11	There <b>is contact</b> but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this <b>is largely confined to administrative or regulatory matters</b>	
9.12	The presentation and interpretation of the Outstanding Universal Value of the property <b>is acceptable but improvements could be made</b>	
<b>10</b>	<b>Monitoring</b>	
10.2	Information on the values of the World Heritage property is <b>sufficient to define key indicators, but this has not been done</b>	
Please select 6 more issues.		
<input checked="" type="checkbox"/> Please save this question to reflect changes		

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

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

You have not marked any factor as current and negative/positive, therefore this assessment table is empty.  
Summary - Factors affecting the Property **completed**

### 12.2. Summary - Management Needs

#### 12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan			
	Actions	Timeframe	Lead agency (and others involved)	More info / comment

5.3.9	<b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	The PMA Management Plan (2013) has been ammended to include a disaster risk reduction component.	Originally scheduled to be 4-6 months but due to Covid-19, it has taken almost 1 year.	PMA and Mrs. Lendor-Gabriel (consultant).	The PMA was delighted to see this action successfully completed.
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## 6.1 Funding

6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property	A proposal has been submitted to UNESCO for revitalisation of the PMA-UNESCO Summer Camp	Not applicable	PMA and UNESCO	Awaiting feedback from UNESCO regarding whether the funding has been awarded.
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## 7 Scientific Studies and Research Projects

7.2	There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>	Annual research used to be conducted on the perceptions of locals of the PMA by the University of Vermont.	Annually - every summer	University of Vermont, PMA	The last survey was completed in 2019. This has stopped due to Covid-19 restrictions.
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## 9 Visitor Management

9.7	There is <b>no strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property	The PMA continues to work closely with the SRDF, who is responsible for managing touristic activities at the Sulphur Springs, the Pitons, Waterfalls etc.	Not applicable.	SRDF, PMA	A strategy to manage visitors and tourism activities is necessary but no plans are in place for its development as yet.
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Summary - Management Needs completed

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

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

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

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

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

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

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

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

Other important cultural and/or natural values are being **partially degraded** but the state of conservation of the World Heritage property has **not been significantly impacted**

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

## 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	Positive
Recognition	Very positive
Education	Positive

Infrastructure development	Very positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Very positive
Institutional coordination	Very positive
Security	Positive
Gender equality	Positive
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Positive
Fostering inclusive local economic development and enhancing livelihood	Very positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Very positive
Other	Not applicable
If 'Other', please specify	

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

The World Heritage Status has allowed us to continue with conservation drives, include and emphasize the role of indigenous people and encourage gender equality.

## 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

1. Involve local people in site management. 2. Train locals to serve as tour guides. 3. Updating existing policies. 4. Include women and youth in income generation from tourism activities. 5. Foster strong energies with community groups and local governance.

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

Sustainable Development
Synergies
Capacity Building

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

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

The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

#### 15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Fair
Site Managers	Good
UNESCO World Heritage Centre	Good
Advisory Bodies (ICOMOS, IUCN, ICCROM)	No follow-up

### 15.2. Use of Data

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

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

Fundraising
Awareness raising
Advocacy
Other
To highlight the importance of funding for demarcating the boundaries and developing appropriate indicators.

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

The PMA Office believed in evidence based decision making. The Periodic Reporting will be used to make a strong case for funding and resource requirements to achieve the mandate of the PMA.

## 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
Local communities
Indigenous people

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

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

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

Yes

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

3 months / 2-3 months / 1 month /
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### 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?

Little of the 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

The training sessions offers prior to the due date of the questionnaire is commendable however it should be done earlier.

## 15.5. Training and Guidance

### 15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

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

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

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

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

Yes

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

Not applicable

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**

- **Map(s)**

Reason for update: Please see link for updated map. [https://drive.google.com/file/d/12pc8Gpa0ch0\\_RiLR9P8da5qB-vRXDFjA/view?usp=sharing](https://drive.google.com/file/d/12pc8Gpa0ch0_RiLR9P8da5qB-vRXDFjA/view?usp=sharing)

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

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

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

The PMA sees the benefit of periodic reporting and looks forward to the results emanating from it. It is our intension to use this information as a basis for sourcing additional financial and human resources.

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