

# Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Portobelo	9.554 / -79.656	0	0	0	1980
San Lorenzo	9.324 / -80.003	0	0	0	1980
<b>Total (ha)</b>			<b>0</b>		

### 1.4 - Map(s)

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

- [El Área protegida San Lorenzo \(Centro de Estudios y Acción Social Panameño \(CEASPA\)\)\(spanish only\)](#)

## 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

The World Heritage property is not designated and/or protected under this convention/programme

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

Not applicable

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

Not applicable

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

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?

Not applicable

## 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)

The World Heritage property is not designated and/or protected under this convention/programme

## 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?

Yes

## 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

Ritual and festive expressions of the Congo culture, signed up in 2018 on the Representative List of the Intangible Cultural Heritage of Humanity, Convention for the Safeguarding of the Intangible Cultural Heritage.

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

Not aware

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

The World Heritage property is not designated and/or protected under this convention/programme

## 3. Statement of Outstanding Universal Value

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

#### Statement of Outstanding Universal Value

##### Brief synthesis

The Fortifications on the Caribbean side of Panamá: Portobelo and San Lorenzo are located along the coast of the Province of Colón. There are diverse fortification sites around the Bay of Portobelo, denominated San Fernando fortifications: Lower Battery, Upper Battery and Hilltop Stronghold; San Jerónimo Battery Fort; Santiago fortifications: Castle of Santiago de la Gloria, Battery and Hilltop Stronghold; the old Santiago Fortress; ruins of Fort Farnese; the La Trinchera site; the Buenaventura Battery; and the San Cristóbal site. Forty-three kilometers away, at the mouth of the Chagres River stands the San Lorenzo Castle (originally “San Lorenzo el Real del Chagre”) with its Upper Battery as a separate structure.

The component parts of the property represent characteristic examples of military architecture developed by the Spanish Empire in its New World territories largely between the 17th and the 18th centuries. The first plans for fortifying the entrance to the Bay of Portobelo and the mouth of the Chagres River were prepared in 1586 by Bautista Antonelli. Following his recommendations, the first fortifications in Portobelo were begun in the 1590's. As a whole, these structures comprised a defensive line to protect Portobelo's harbour and the mouth of the Chagres River, which were the Caribbean terminals of the transcontinental route across the Isthmus of Panama. The defensive system includes fortifications in different styles, some of them skilfully integrated into the natural landscape as part of its military defensive design. They were also adapted to the changing needs of defensive technologies in the course of three centuries in order to protect the capital resources sent from colonial America to Spain after crossing the Isthmus of Panama. In the earliest constructions, a military style with mediaeval features prevailed, while in the eighteenth century the structures were rebuilt in the neo-classical style, which can be observed at the forts of Santiago, San Jerónimo and San Fernando, and also at San Lorenzo.

On the regional scale, these military compounds belonged to a larger defensive system, including Veracruz (Mexico), Cartagena (Colombia), and Havana (Cuba), to protect the route of commercial trade between the Americas and Spain. Portobelo, where the famous fairs were held, was one of the principal Caribbean ports and played a leading role controlling the imperial trade in the Americas.

The site is a key element to the understanding of the adaptation of European building models and their impact on the New World transformation during the modern era. This property demonstrates the strategic organization of the territory and represents an important concept of defence and technology development mainly between the 17th and 18th centuries.

The town of San Felipe de Portobelo was founded in March 20th, 1597, as a Caribbean Terminal of the trail through the Isthmus of Panama, to replace Nombre de Dios as a port of transit and trans-shipment. The need to ease the overland path along the Isthmus during the rainy season called for an alternative route. The Chagres River-Cruces path, a mixed fluvial and land trail, was the counterpart of Camino Real from Panama City to Portobelo, built as a response to this need.

**Criterion (i):** The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo are a masterpiece of human creative genius. Portobelo is a remarkable example of an open fortified town, destroyed and built several times. San Lorenzo underwent the same process of renovations along the colonial era.

**Criterion (iv):** The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo, a group of late 16th, 17th and 18th century fortifications, are among the most characteristic adaptations of Spanish military architecture to tropical climate and landscape features, and represent the structural and technological development of military structures in the Caribbean.

### **Integrity**

The key elements that convey the Outstanding Universal Value of the property are located within the original boundaries. These features still illustrate the evolution of military architecture developed by the Spanish colonial empire to protect the commerce route which connected South America with Spain across the Isthmus of Panama. The major components of the fortified system are still visible at Portobelo, where most colonial fortresses continue to be a resemblance of the original; the same applies to the bay, where the forts are emplaced. Likewise, at San Lorenzo the fort and the Chagres river mouth have been maintained.

However, the integrity of the property has been compromised to different degrees by environmental factors, by uncontrolled urban sprawl and development and by the lack of maintenance and management. A number of measures, including conservation works, enforcement of regulations and the operation of a site management unit, will need to be implemented in a sustained manner to prevent the further erosion of the conditions of integrity, particularly at the component parts located in Portobelo.

### **Authenticity**

In terms of form, design, material and setting the components of the property have remained mostly unchanged through time, expressing the essence of the fortified system and the evolution of European models of military architecture from the late 16th to the 18th century in the Americas. The military structures have largely retained the overall original form, although most architectural finishes, decorative elements and some wall sections have been lost as a result of decay. The vulnerability to decay factors will need to be addressed through sustained conservation actions, carried out in accordance with scientific conservation principles and standards.

### **Protection and management requirements**

The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo are protected by general Panamanian legislation on heritage (Law 14/1982, updated by Law 58/2003) and by specific legal instruments for each site. Underwater historic vestiges are protected nationwide by Law 32/2003.

Existing legislation underscores the protection of Portobelo (Law 91/1976 and Executive Decree 43/1999). Municipal Ordinance 32/2005 addresses long-standing land ownership issues in Portobelo's historic core and surrounding National Park. On December 27, 2011, the National Heritage Directorate established new guidelines for architectural projects in monuments and historic sites in the entire country, which also apply to the Fortifications on the Caribbean side of Panama (Resolution 172-11/DNPH). In the case of San Lorenzo, protection is granted by Law 61/1908, Law 68/1941, and the general heritage legislation mentioned above. However, due to its recent incorporation to the Panamanian administration after 83 years under United States government management, protection policies need to be strengthened.

The Protection and Development Plan for the Interoceanic Region approved by Law 21/1997 also includes conservation norms for San Lorenzo. In April, 2005, the National Environment Authority (ANAM) published a Management Plan for Chagres National Park which includes conservation measures for San Lorenzo.

Both fortified compounds are under the administration of the National Institute of Culture (Instituto Nacional de Cultura - INAC) through the National Heritage Directorate and since 2007 also by the Patronato Portobelo San Lorenzo, a mixed public-private organization currently responsible for management, conservation, and community outreach and fundraising. Its primary goals are protecting the architectural remains and making this heritage accessible to national and international communities.

Among the requirements identified for the proper protection of the property is the creation of a Master Plan to guide all short- and long-term actions and strategies at both sites. Protection mechanisms at San Lorenzo need to be updated in the form of a specific site law (including detailed protective measurements and the enlargement of boundaries and a buffer zone creation); the San Lorenzo component has recently been segregated from Chagres National Park and is in the process of being transferred to INAC's custody. At Portobelo, designation and effective protection and management of buffer zones for each fortified structure, is mandatory to guarantee its protection from the pressures of urban growth.

### **3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).**

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Portobelo-San Lorenzo are a masterpiece of human creative genius. The component parts of the property represent characteristic examples of military architecture developed by the Spanish Empire in its New World territories largely between the 17th and the 18th centuries.	✘			
3.2.2	The site is a key element to the understanding of the adaptation of European building models and their impact on the New World transformation during the modern era.	✘			
3.2.3	These features still illustrate the evolution of military architecture developed by the Spanish colonial empire to protect the commerce route which connected South America with Spain across the Isthmus of Panama.	✘			
3.2.4	Portobelo is a remarkable example of an open fortified town, destroyed and built several times. San Lorenzo underwent the same process of renovations along the colonial era.		✘		
3.2.5	In terms of form, design, material and setting the components of the property have remained mostly unchanged through time, expressing the essence of the fortified system and the evolution of European models of military architecture from the late 16th to the 18th century in the Americas.		✘		
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

The Outstanding Universal Value of the site has been affected by the lack of resources for its conservation, the lack of an adequate management plan, and the impact of the climatic conditions of the area, which are prone to heavy rains and erosion. Currently, the State party is executing, with funds obtained from the Inter-American Development Bank, the emergency plan to mitigate the impact of the deterioration of the fortification structures and in the preparation of a new management plan.

## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

Relevant	✘ Not relevant
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#### 4.1.2 - Commercial development

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	✘ Not relevant
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#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	✘ Not relevant
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#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Potential, Inside

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

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

The Visitor Center of San Lorenzo is a national initiative that responds to the needs of national and foreign tourists who visit the San Lorenzo Protected Forest and Protected Landscape and the Castle of San Lorenzo. In this sense, it does not represent a threat or induce an increase in visitations to the castle that could represent a problem for its conservation. On the contrary, it is about 8 km away from the Castle of San Lorenzo.

## 4.2. Transportation Infrastructure

### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

One of the components of the fortifications of Portobelo the Santiago de la Gloria Castle is affected by the passage of the road that connects the town with the rest of the district, dividing the parade ground of the Castle in two. This situation has been present since before the declaration of the site in 1980. Currently, the access road to the San Lorenzo Castle is being rehabilitated, a road located within the San Lorenzo National Park.

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Potential, Inside

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

#### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.3.4 - Localised utilities

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.3.5 - Major linear utilities

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> 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

As part of the investment that the state party is making in the site, a new water treatment plant for the district of Portobelo is under construction, which entails a new water pipe line. The facilities for the attention of visitors in San Lorenzo use solar energy panels for the generation of electricity.

### 4.4. Pollution

#### 4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

<input checked="" type="checkbox"/> Relevant		<input type="checkbox"/> 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"/>

#### 4.4.2 - Ground water pollution

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.4.3 - Surface water pollution

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.4.4 - Air pollution

Previous answer Cycle 2 (05/12/2012):

- Not relevant

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.4.5 - Solid waste

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

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

#### 4.4.6 - Input of excess energy

Previous answer Cycle 2 (05/12/2012):

- Not relevant

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

Garbage pollution is produced by the resident population of Portobelo, whose solid waste collection system by the municipality is deficient, much of which is dumped in the riverbeds, which discharge them into the sea. To avoid this situation, which worsens every year due to the increase in population and economic activities, it is necessary to improve the garbage disposal system and carry out an environmental education campaign in the district. This problem does not occur in San Lorenzo.

### 4.5. Biological resource use/modification

#### 4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.5.3 - Land conversion

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Outside

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Outside

Relevant

Not relevant

#### 4.5.5 - Crop production

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.5.9 - Subsistence hunting

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside, Outside

Relevant

Not relevant

#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

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

Both Portobelo and San Lorenzo are located within a protected natural park with surveillance by park rangers who regulate hunting activities and theft of species.

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.6.2 - Quarrying

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.6.3 - Oil and gas

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant

#### 4.6.4 - Water (extraction)

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant

Not relevant



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

Both Portobelo and San Lorenzo are located within a protected natural park where all mining and quarrying activities are prohibited.

**4.7. Local conditions affecting physical fabric**

**4.7.1 - Wind**

Previous answer Cycle 2 (05/12/2012):

- Not relevant

<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"/>				

**4.7.2 - Relative humidity**

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

**4.7.3 - Temperature**

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, 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"/>			

**4.7.7 - Pests**

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

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

Exposure to environmental factors such as wind, erosion of walls due to water runoff from streams and waves from the sea, high environmental humidity and the presence of microflora represent a risk to the integrity of the walls of the fortifications, so a periodic maintenance program is required. Currently, work is being done on the restoration of the swalls of the San Lorenzo Castle, and it is expected to begin this year with the restoration of the San Jerónimo and San Fernando in Portobelo.

### 4.8. Social/Cultural uses of heritage

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Current, Inside

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

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

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Current, Inside, Outside

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Current, Inside, Outside

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

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Current, Inside

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

Impact	Impact		Origin		Trend of 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"/>

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

In Portobelo, the Congo culture prevails, intangible heritage of humanity, full of cultural, gastronomic expressions and ancestral traditions. The lack of job opportunities in the district is causing the migration of young people from the town to other cities, either to study or work. Likewise, the increase in tourist activities is attracting investments in tourist activities and the migration of people to the district to develop tourist activities in Portobelo.

### 4.9. Other human activities

#### 4.9.1 - Illegal activities

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside

✕ 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 (05/12/2012):

- Not relevant

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

#### 4.9.3 - Military training

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.9.4 - War

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.9.5 - Terrorism

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.9.6 - Civil unrest

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

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

In Portobelo, the development of informal housing construction activities within the Historic Monumental Complex is common due to the weakness of the local government in enforcing urban regulations. Houses built on the perimeters of the fortifications, in the easements of the Guinea creek adjacent to Fort San Jerónimo, and constructions that destroy the archaeological heritage are observed. Vandalism and graffiti activities have occurred sporadically, but remain under control.

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

##### 4.10.1 - Storms

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.2 - Flooding

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, Inside, Outside

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

#### 4.10.3 - Drought

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

<input type="checkbox"/> Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Potential, Inside, Outside

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

#### 4.10.6 - Temperature change

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Potential, Inside, Outside

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

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

The Panamanian Caribbean region is exposed to hurricane seasons, presenting hurricane winds and floods that affect the fortifications of Portobelo and San Lorenzo. Due to the influence of climate change these storms are becoming more frequent and stronger.

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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#### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, 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"/>			

#### 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Current, 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"/>			

#### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

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

With climate change, the increase in sea level can already be observed, having affected a sector of Fort San Jerónimo, which is flooded with water from Portobelo Bay. Climate change can also be seen in the increase in rainfall in the months of February and March, traditionally dry season months in the region. These changes affect Portobelo's fortifications more because they are located a few meters above sea level.

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

##### 4.12.1 - Translocated species

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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##### 4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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##### 4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (05/12/2012):

- Not relevant

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

#### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (05/12/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> 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

These biological factors do not affect the conservation of the fortifications.

#### 4.13. Management and institutional factors

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

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

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

##### 4.13.2 - Legal framework

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

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

##### 4.13.3 - Governance

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

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

##### 4.13.4 - Management activities

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Current, Inside

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

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

##### 4.13.5 - Financial resources

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

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

#### 4.13.6 - Human resources

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

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Positive, Potential, Inside, Outside

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

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

Previous answer Cycle 2 (05/12/2012):

- Relevant, Negative, Potential, Inside, Outside

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

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

The property lacks an updated management plan, it is in the contracting process for the development of the new management plan. Due to the COVID19 pandemic, the Patronato of Portobelo and San Lorenzo have seen their economic income reduced, a situation that has affected the management of the site. During this period, the maintenance staff of the fortifications has been reduced, mainly affecting the activities in Portobelo.

#### 4.14. Other factor(s)

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

The effects of the COVID19 pandemic have been negative for the management of the site, the Board of Trustees of Portobelo and San Lorenzo have had to reduce almost all of the maintenance work on the fortifications due to lack of financial resources for hiring them. Currently only the maintenance of the San Lorenzo Castle is being worked on, and in Portobelo only the maintenance of the green areas and cleaning of the forts is being worked on.

#### 4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
<b>4.1 Buildings and Development</b>						
4.1.5 Interpretative and visitation facilities						
<b>4.2 Transportation Infrastructure</b>						
4.2.1 Ground transport infrastructure						
4.2.4 Marine transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
<b>4.3 Services Infrastructures</b>						

4.3.1 Water infrastructure						
4.3.2 Renewable energy facilities						
<b>4.4 Pollution</b>						
4.4.1 Pollution of marine waters						
4.4.2 Ground water pollution						
4.4.5 Solid waste						
<b>4.7 Local conditions affecting physical fabric</b>						
4.7.1 Wind						
4.7.2 Relative humidity						
4.7.6 Water (rain/water table)						
<b>4.8 Social/Cultural uses of heritage</b>						
4.8.1 Ritual/Spiritual/Religious and associative uses						
4.8.6 Impacts of tourism/Visitation/Recreation						
<b>4.9 Other human activities</b>						
4.9.1 Illegal activities						
4.9.2 Deliberate destruction of heritage						
<b>4.10 Climate change and severe weather events</b>						
4.10.1 Storms						
4.10.2 Flooding						
4.10.5 Changes to oceanic waters						
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						



4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
<b>Legend</b>	Current	Potential	Negative	Positive	Inside	Outside

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

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




#### 4.1 Buildings and Development

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						

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

<input checked="" type="checkbox"/>	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
<input checked="" type="checkbox"/>	Static
	Increasing

## 4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	 		

### Spatial scale - Area affected by the factor

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

### Temporal scale - Occurrence of the impact

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

### Impact - Impact on the attributes



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

### Management response - Capacity of management to respond

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

### Trend - Development over the last 6 years

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

Name	Impact	Origin	Trend
4.2.4 Marine transport infrastructure	 		

### Spatial scale - Area affected by the factor

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

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

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

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

<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

### 4.3 Services Infrastructures

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

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

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

#### Temporal scale - Occurrence of the impact

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

#### Impact - Impact on the attributes

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

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

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

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

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

Name	Impact	Origin	Trend
4.3.2 Renewable energy facilities	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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

<input type="checkbox"/>	Restricted
--------------------------	------------

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

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

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

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

	Decreasing
	Static
X	Increasing

Name	Impact	Origin	Trend
4.4.2 Ground water pollution			
	 		

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

	Restricted
	Localised
X	Extensive
	Widespread

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**




	Insignificant
	Minor
X	Significant
	Major

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

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

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






	Decreasing
	Static
X	Increasing

Name	Impact	Origin	Trend
4.4.5 Solid waste			
	 		

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





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

#### 4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.1 Wind			
			
			

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

<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
4.7.6 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
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✘	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
✘	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✘	Increasing

#### 4.8 Social/Cultural uses of heritage

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

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

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

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

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

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

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

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

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

#### 4.9 Other human activities

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

4.9.1 Illegal activities					

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

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

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

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

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

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

Name	Impact	Origin	Trend
4.9.2 Deliberate destruction of heritage			

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

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

**Temporal scale - Occurrence of the impact**





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

**Impact - Impact on the attributes**

<input checked="" type="checkbox"/>	Insignificant
-------------------------------------	---------------

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

#### 4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
	 		

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

Name	Impact	Origin	Trend
4.10.2 Flooding			

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

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

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

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

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

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

Name	Impact	Origin	Trend
4.10.5 Changes to oceanic waters			

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

	Insignificant
	Minor
✘	Significant
	Major

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

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

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

	Decreasing
	Static
✘	Increasing

Name	Impact	Origin	Trend
4.10.7 Other climate change impacts			

**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

#### 4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.4 Avalanche/Landslide			

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

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

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

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

##### Impact - Impact on the attributes

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

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

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

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

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

Name	Impact	Origin	Trend
4.11.5 Erosion and siltation/Deposition			

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







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

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

<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic

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



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

Name	Impact	Origin	Trend
4.13.2 Legal framework	 		
	 		

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**




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

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

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

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

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

Name	Impact	Origin	Trend
4.13.3 Governance	 		









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

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

**Temporal scale - Occurrence of the impact**








<input type="checkbox"/>	One off or rare
--------------------------	-----------------

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

Name	Impact	Origin	Trend
4.13.4 Management activities	 		
	 		

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

Name	Impact	Origin	Trend
4.13.5 Financial resources	 		
	 		

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**









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

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

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

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

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

Name	Impact	Origin	Trend
4.13.6 Human resources	 		
	 		









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

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

**Temporal scale - Occurrence of the impact**

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

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

Name	Impact	Origin	Trend
4.13.7 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
X	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

the property is not constituted by a serial registration.

#### 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	Portobelo-San Lorenzo are a masterpiece of human creative genius. The component parts of the property represent characteristic examples of military architecture developed by the Spanish Empire in its New World territories largely between the 17th and the 18th centuries.	X			
4.18.1.2	The site is a key element to the understanding of the adaptation of European building models and their impact on the New World transformation during the modern era.	X			
4.18.1.3	These features still illustrate the evolution of military architecture developed by the Spanish colonial empire to protect the commerce route which connected South America with Spain across the Isthmus of Panama.	X			
4.18.1.4	Portobelo is a remarkable example of an open fortified town, destroyed and built several times. San Lorenzo underwent the same process of renovations along the colonial era.	X			
4.18.1.5	In terms of form, design, material and setting the components of the property have remained mostly unchanged through time, expressing the essence of the fortified system and the evolution of European models of military architecture from the late 16th to the 18th century in the Americas.	X			

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

##### 5.1. Boundaries and Buffer Zones

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

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

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

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

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

The buffer zones of the World Heritage property **are known and recognised** by the management authority **but are not known** by local communities/landowners

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

The limits that define both registered properties and their buffer zones are established by law. Buffer zones comprise the extent of protected areas where properties are located. It is necessary to spread the scope of the protection zones among the communities, mainly in Portobelo due to the pressure exerted by the growth of the town located within the Historic Monumental Complex of Portobelo.

##### 5.2. Protective Measures

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

The group of historic buildings at Portobelo is protected by Law 91 of 1976. The Panamanian State, through the National Directorate for the Historical Heritage, is responsible for ensuring the implementation of this law.

Source: Nomination File

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

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

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

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

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

Heritage property exists **but there are some deficiencies in implementation**

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

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

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

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

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

The fortifications of Portobelo and San Lorenzo are protected by law and their polygons are delimited. Both properties are located within the limits of protected natural parks which make up their buffer zones since the activities that can be carried out in their surroundings are regulated. The fortifications of Portobelo, being within a populated area, are subject to greater urban pressures that can deteriorate their state of conservation.

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

The fortifications of Portobelo and San Lorenzo have the legal tools for their protection and conservation, which contributes to the adequate maintenance of the universal value of the property. In practice, an adequate budget is needed to monitor compliance with the laws and the implementation of measures for the execution of the property management plan. Greater economic resources are required for its conservation.

**5.3. Management System/Management Plan**

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

Public management system joint regional/local

If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

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

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

A framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property

A management plan

A disaster, climate or conflict risk management plan

A visitor/visitation management plan

An environmental management framework

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

The property lacks an updated management plan. The last management plan developed is from 2012, which has not been executed. Work is currently being done on the points required by the World Heritage Committee to remove the site from the World Heritage list in Danger.

**5.3.4 - Management Documents**

**Comment**

The state party is in the process of preparing the new management plan for the property, with the hiring of a consultant for the drafting of the management plan. This management plan is part of the components of the loan obtained with the Inter-American Development Bank for the restoration of the fortifications of Portobelo and San Lorenzo.

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

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

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

Their recommendations have not been implemented in the management of the site.

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

**No use** has been made of the World Heritage Policy for Climate Change

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

Their recommendations have not been implemented in the management of the site.

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

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

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

Their recommendations have not been implemented in the management of the site.

**5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property**

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

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

**No management system/plan is currently in place** to maintain the property's Outstanding Universal Value

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

**No management system** is currently in place

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

An annual work/action plan **exists but few of its activities are being implemented**

**5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?**

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

**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			✗		





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

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

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

**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.**

Their recommendations have not been implemented in the management of the site.

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

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

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

The operation of the loan for the restoration of the Portobelo and San Lorenzo Fortifications financed by the Inter-American Development Bank has a component to strengthen the technical capacities of the Portobelo and San Lorenzo Board of Trustees whose funds have not yet been executed.

**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 **no research** taking place in the World Heritage property **despite an identified need**

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

Research results are **not shared at any level**

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

No research work related to the site is currently being carried out. The latest research work carried out was in 2018 by researchers from the Santa María University and the Technological University of Panama.

## 8. Education, Information and Awareness Building

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

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

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

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

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

Youth/children
Local Visitors
National/international tourists
Tourism industry

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

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

Currently, the Ministry of Culture is carrying out adaptation projects for the site museums of Castillo de San Lorenzo and Portobelo, which will have educational material and information on the history of the site. These facilities will be open to the public in the second half of 2023.

## 9. Visitor Management

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

4000 / 0 / 23000 / 20000 / 19000 /

2000 / 0 / 12000 / 10000 / 9000 /

6000 / 0 / 35000 / 30000 / 28000 /

6000 / 0 / 35000 / 30000 / 28000 /

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

Entry tickets and registries

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

One to three hours

### 9.4 - Please provide the source of information

To calculate the number of visitors to the site, only the number of visitors to the Castillo de San Lorenzo is estimated. The entrance of visitors to the fortifications of Portobelo is not accounted because there is no on-site control system for access to the fortifications. In Portobelo the visit to the fortifications is freely accessible, in San Lorenzo there is an entrance fee for visitors in force since 2018.

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

N/A / \$10.00 / \$25.00 / \$5.00 / N/A / N/A /

### 9.6 - Please provide the source of information

The prices indicated are based on an estimate of the prices of the restaurants located in Portobelo. The cost of admission is based on the price of admission for foreign visitors to the Castillo de San Lorenzo. We do not have reference prices for accommodation and purchase of souvenirs. In general, the tourist who visits the site travels from Panama City by road on a trip that takes approximately one hour.

### 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

As part of the operation of the loan from the Inter-American Development Bank for the restoration of the fortifications of Portobelo and San Lorenzo, the development of a plan for managing visitors is planned.

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

There is **some management** of the visitor use of the World Heritage property

### 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 Outstanding Universal Value of the property is **not adequately presented and interpreted**

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

In **one location**, but **not easily visible** to visitors

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

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

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

No

If 'Yes', please specify

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

Yes

If 'Yes', please specify

Local tour operators work attending tourists in San Lorenzo

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

The Patronato of Portobelo and San Lorenzo is coordinating actions together with tourism operators and the Tourism Authority of Panama to promote the site and train tourism operators in the attention to visitors and the history of the site.

## 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 **no monitoring** taking place at the World Heritage property or buffer zone despite an identified need

### 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?

There is **little or no information available** on the values of the World Heritage property to define key indicators

### 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

Currently no information is being collected regarding indicators on the state of conservation of the property. The administrative and management capacities of the Patronato have been diminished by the economic situation caused by the COVID19 epidemic.

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

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

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

Implementation is underway

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

The state party is currently working on the recommendations set by the World Heritage Committee to remove the site from the list of World Heritage in Danger, based on Decision 35 COM 7B.129, adopted at its 35th session (UNESCO, 2010).

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

The Republic of Panama has negotiated with the Inter-American Development Bank the financing for the execution of the emergency measures required for the preservation of the Outstanding Universal Value of the site and to comply in the shortest possible time with the recommendations indicated in the Decision 35 COM 7B.129, adopted at its 35th session (UNESCO, 2010).

## 11. Identification of Priority Management Needs

### 11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones
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5.1.2	The boundaries of the World Heritage property <b>are known</b> by the management <b>authority but are not known</b> by local communities/landowners	
5.1.4	The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b>	✘
<b>5.2</b>	<b>Protective Measures</b>	
5.2.3	An <b>adequate legal framework</b> for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b>	
5.2.4	An <b>adequate legal framework</b> in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b>	
5.2.5	An <b>adequate legal framework</b> exists for the broader setting of the World Heritage property and the buffer zone, <b>but there are some deficiencies in implementation</b> which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	✘
5.2.6	There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
<b>5.3</b>	<b>Management System/Management Plan</b>	
5.3.5	<b>No use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✘
5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	
5.3.12	<b>No management system/plan is currently in place</b> to maintain the property's Outstanding Universal Value	
5.3.13	There is currently <b>no management system</b> in place at the property	✘
5.3.14	An annual work/action plan <b>exists for the property but few of the activities are being implemented</b>	
5.3.17	<ul style="list-style-type: none"> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to gender equality</b></li> <li>• The management system of the World Heritage property <b>does not provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>integrate a human rights-based approach</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property</b></li> </ul>	✘
<b>6.1</b>	<b>Funding</b>	
6.1.3	The available <b>budget is inadequate</b> for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	✘
6.1.4	Existing sources of funding are <b>not secure</b>	
6.1.7	Human resources <b>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	There is <b>no site-based</b> capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	
<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 <b>no research</b> taking place in the World Heritage property <b>despite an identified need</b>	
7.3	Research results are <b>not shared at any level</b>	
<b>8</b>	<b>Education, Information and Awareness Building</b>	
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	✘
<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	There is <b>some management</b> of the visitor use of the World Heritage property	✘
9.11	There is <b>contact</b> but this is largely confined to administrative or regulatory matters There 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 Outstanding Universal Value of the property is <b>not adequately presented and interpreted</b>	
<b>10</b>	<b>Monitoring</b>	
10.1	There is <b>no monitoring</b> taking place in the World Heritage property or buffer zone despite an identified need	✘
10.2	There is <b>little or no information available</b> on the values of the World Heritage property to define key indicators	

Please select 0 more issues.

Please save this question to reflect changes

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

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

4.4		Pollution					
4.4.1	Pollution of marine waters	IV - To be an outstanding example of a type of building, architectural or technological ensemble or landscape which illustrates (a) significant stage(s) in human history	Implement a local plan for solid waste management in the district of Portobelo.	Currently the municipality of Portobelo does not have the resources to implement an adequate system for collecting solid waste in the district.	No short-term improvement is expected in the collection and handling of solid waste by the Municipality of Portobelo.	Ministry of Environment and Municipality of Portobelo.	Conversations have been held between the Ministry of the Environment, the Inter-American Development Bank and the Municipality of Portobelo on the problem of solid waste management, but no actions have yet been programmed to solve the problem.
4.4.2	Ground water pollution	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.	There are no effects on groundwater on the site, nor criteria of universal value affected by this problem.
4.4.5	Solid waste	IV - To be an outstanding example of a type of building, architectural or technological ensemble or landscape which illustrates (a) significant stage(s) in human history	Implement a local plan for solid waste management in the district of Portobelo.	Currently the municipality of Portobelo does not have the resources to implement an adequate system for collecting solid waste in the district.	No short-term improvement is expected in the collection and handling of solid waste by the Municipality of Portobelo.	Ministry of Environment and Municipality of Portobelo.	Conversations have been held between the Ministry of the Environment, the Inter-American Development Bank and the Municipality of Portobelo on the problem of solid waste management, but no actions have yet been programmed to solve the problem.
4.7		Local conditions affecting physical fabric					
4.7.1	Wind	IV - To be an outstanding example of a type of building, architectural or technological ensemble or landscape which illustrates (a) significant stage(s) in human history	Prepare the site management and conservation plan, and have the funds required for its implementation in the short and medium term. Improve the management capacity of the site by the Portobelo and San Lorenzo Boards.	The site does not have the resources for a suitable maintenance of the structures. Projects to consolidate the structures of the fortifications in the Castillo de San Lorenzo are being developed with funds from a loan granted by the IADB.	The execution of the emergency plan for the consolidation of the Portobelo and San Lorenzo fortifications is being carried out in stages, it is estimated that these should be completed by the end of 2024.	Ministry of Culture	The funds for the execution of the work included in the emergency plan were granted by the Inter-American Development Bank.
4.7.6	Water (rain/water table)	IV - To be an outstanding example of a type of building, architectural or technological ensemble or landscape which illustrates (a) significant stage(s) in human history.	Prepare the site management and conservation plan, and have the funds required for its implementation in the short and medium term. Improve the management capacity of the site by the Portobelo and San Lorenzo Boards.	The site does not have the resources for a suitable maintenance of the structures. Projects to consolidate the structures of the fortifications in the Castillo de San Lorenzo are being developed with funds from a loan granted by the IADB.	The execution of the emergency plan for the consolidation of the Portobelo and San Lorenzo fortifications is being carried out in stages, it is estimated that these should be completed by the end of 2024.	Ministry of Culture	The funds for the execution of the work included in the emergency plan were granted by the Inter-American Development Bank.
4.8		Social/Cultural uses of heritage					

4.8.6	Impacts of tourism/Visitation/Recreation	(i): The Fortifications on the Caribbean Side of Panama: Portobelo-San Lorenzo are a masterpiece of human creative genius.	Prepare the site management and conservation plan, and have the funds required for its implementation in the short and medium term. Improve the management capacity of the site by the Portobelo and San Lorenzo Boards.	The site does not have a visitor management plan. Only the San Lorenzo Castle has the adequate structure to receive visitors and the management of tourists.	The site does have an adequate management plan and the Patronato of Portobelo and San Lorenzo does not have the funds to manage the visits at Portobelo.	Patronato of Portobelo and San Lorenzo.	The Ministry of Culture plans to put out to tender the development of a plan for managing visitors to the site in 2023.
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#### 4.13 Management and institutional factors

4.13.1	Management system/Management plan						
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4.13.4	Management activities	IV - To be an outstanding example of a type of building, architectural or technological ensemble or landscape which illustrates (a) significant stage(s) in human history.	Develop and implement the new site management plan.	Currently, the Ministry of Culture is in the stage of contracting the consultancy for the preparation of the new management plan for the site. It is estimated that this hiring will take place by the end of 2020.	The Ministry of Culture is working on the contracting of the consultancy for the preparation of the Management Plan, and expects to begin the drafting of the new management plan in the second half of 2022.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
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4.13.6	Human resources						
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4.13.7	Low impact research/monitoring activities						
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Question not completed

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		<b>Actions</b>	<b>Timeframe</b>	<b>Lead agency (and others involved)</b>	<b>More info / comment</b>
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	Local governments and a representation of the residents of the municipalities where the sites are located are already part of the board of directors.	Local governments and a representation of the residents of the municipalities where the sites are located are already part of the board of directors.	Ministry of Culture and the Ministry of the Environment.	The buffer zones of the Portobelo and San Lorenzo fortifications are made up of the areas established within the Portobelo and San Lorenzo National Parks under the management of the Ministry of the Environment.

#### 5.2 Protective Measures

5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity	Execute the available resources for the implementation of the Emergency Plan and strengthen the technical and economic capacity of the Patronato for the management of the site.	The funds for the execution of the emergency plan are already available, and the process of contracting consultants for the development of the new site management plan is currently underway.	Ministry of Culture	In 2020, the consolidation work on the structures of the Castillo de San Lorenzo began as part of the emergency plan.
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	of the property				
<b>5.3</b>	<b>Management System/Management Plan</b>				
<b>5.3.9</b>	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	The Ministry of Culture is carrying out studies to reduce the risk of landslides on the slopes of the district of Portobelo.	Studies for the mitigation of landslide risks in Portobelo must be delivered by the beginning of 2023.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
<b>5.3.13</b>	There is currently <b>no management system</b> in place at the property	Prepare and implement the new site management plan.	Currently, the Ministry of Culture is in the stage of contracting the consultancy for the preparation of the new management plan for the site. It is estimated that this hiring will take place by the end of 2020.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
<b>5.3.17</b>	<ul style="list-style-type: none"> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to gender equality</b></li> <li>• The management system of the World Heritage property <b>does not provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>integrate a human rights-based approach</b></li> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property</b></li> </ul>	Allocation of economic resources to develop and implement a public use plan for the site and to improve the conditions of the site's relationship with the community.	The development of the public use plan is contemplated as a component of the Management Plan, which must be developed by the end of 2022.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.



6.1	<b>Funding</b>				
6.1.3	The available <b>budget is inadequate</b> for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	Implement a fund management plan for self-management of the site.	The self-management fund management plan is one of the components of the Site Management Plan that is expected to be developed by the end of 2022.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
7	<b>Scientific Studies and Research Projects</b>				
7.1	Knowledge about the values and attributes of the World Heritage property is <b>insufficient</b>	Implement an educational plan for the dissemination of the values and importance of the site within the framework of its declaration as world heritage.	Currently there is no educational plan or funds for its implementation.	Ministry of Culture	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
8	<b>Education, Information and Awareness Building</b>				
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	Develop the educational plan for the site, aimed at students and children who visit the site	Currently the educational plan is being implemented on a small scale due to lack of funding and sponsorship to implement it on a larger scale.	Patronato of Portobelo and San Lorenzo	The Patronato of Portobelo and San Lorenzo is negotiating with the private company to obtain the funds to be able to bring a greater number of students to the site.
9	<b>Visitor Management</b>				
9.9	There is <b>some management</b> of the visitor use of the World Heritage property	Implement a management plan for the Portobelo fortifications.	There are currently no financial resources to implement the visitor management plan in Portobelo.	Patronato of Portobelo and San Lorenzo	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.
10	<b>Monitoring</b>				
10.1	There is <b>no monitoring</b> taking place in the World Heritage property or buffer zone despite an identified need	Implement the updated management plan for the site.	The Ministry of Culture is contracting the services for the development of the new management plan for the site.	Ministry of Culture.	These studies are part of the loan components for the conservation of Portobelo and San Lorenzo financed by the Inter-American Development Bank.

Summary - Management Needs completed

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

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

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

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

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

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

The World Heritage property's Outstanding Universal Value **has been impacted by factors described in this report, but this situation is being addressed through effective management actions.**

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

Other important cultural and/or natural values 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.

The lack of budget for the implementation of the conservation works of the Fortifications of Portobelo and San Lorenzo and the lack of an updated Management Plan for the site have caused deterioration in the structures of the forts but without considerably affecting the universal value of the site. the property nor the reading

of the site. The State party has managed the funds for the consolidation of the fortifications, works that have begun in 2020 and to be completed by the end of 2024.

### 13. Impact of World Heritage Status

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

Conservation	Positive
Research and monitoring	No impact
Management effectiveness	No impact
Quality of life for local communities and indigenous peoples	No impact
Recognition	Positive
Education	No impact
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Positive
Security	Positive
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	No impact
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	No impact
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 declaration of the Fortifications of Portobelo and San Lorenzo is little known in the country, the general population is unaware of this declaration, even at the governmental level. The declaration has been positive at the level of the highest spheres of government to obtain funds for the consolidation of the fortifications with the Inter-American Development Bank for the implementation of the emergency plan.

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

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

The creation of the Patronato of Portobelo and San Lorenzo and its structure made up of members belonging to government institutions, non-governmental organizations, representatives of civil society and local governments is a management model that allows the site to be managed efficiently, involving the society. In the protection of its historical heritage. It is a management model that allows optimizing the available resources in an efficient and transparent way. The Board of Trustees model, copied from the management experience of the Archaeological Site of Panama Viejo, allows managing economic, human and administrative resources without the bureaucracy of state management, allows the use of state funds for the conservation of the sites and their You see manage your own resources or donations from the private company.

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

State of Conservation
Management
Governance
Capacity Building

### 15. Assessment of the Periodic Reporting Exercise

#### 15.1. Relevance of Periodic Reporting

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

The World Heritage Convention
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	Fair
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

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

The cycle of periodic reports is a measurement tool that provides us with a screen of the management that is being given to the site, provides us with indicators in all aspects of the management of a site and gives us a clear measurement of the state of conservation. of the Outstanding Universal Value of the site and the status of the property value criteria. With this exercise of preparing the report we have been able to realize several aspects that have not been executed during these years.

**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
External experts

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

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

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

No

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

96 hours (4 hours by week for six months approximately) / 36 hours (2 hours by week for four months approximately) / 24 hours (4 hours by week for six weeks approximately) /
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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		X
15.3.5.2	Financial resources for organizing consultation meetings/ training		X

**15.4. Format and content of the Periodic Report**

**15.4.1 - How accessible was the information required to complete this questionnaire?**

Most required information was accessible.

**15.4.2 - Was the questionnaire easy to use and clear to understand?**

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			X	
15.4.2.2	Clarity of questions			X	

### 15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

Questionnaires could be separated depending on whether the property is of cultural or natural interest. Some questions presented did not apply to both types of properties.

## 15.5. Training and Guidance

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

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

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

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

On the date the training was scheduled, we did not have the opportunity to participate due to previous commitments. It would be nice if the training was recorded in videos that can be consulted at any time.

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

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

No item were proposed for update

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

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

The report is a useful tool to improve the management of the sites, we consider that the period of six years for the presentation of the reports is very spaced, perhaps it would be more useful if it were carried out every two years. With the writing of this report we have been informed of other current conventions of which we were not aware that we could contact, which we are going to analyze for future contacts.

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