

Petra

1. World Heritage Property Data

1.1 - Name of World Heritage property


Petra

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Petra	30.331 / 35.443	26171	0	26171	1985
Total (ha)		26171	0	26171	

1.4 - Map(s)

Title	Date	Link to source
Petra - Map of the World Heritage property	2013	

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

1. [Petra Archaeological Park \(NABATAEA.NET - Can Books.\)](#)

Comment

<http://www.pdtra.gov.jo/> facebook : (Petra Development & Tourism Region Authority) Twitter @PDTRA2016

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

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

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

2.2 - Please provide comments on 2.1 if necessary

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?

Not applicable

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

Yes

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

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

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

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

Cultural space of the Bedu in Petra and Wadi Rum <https://ich.unesco.org/en/RL/cultural-space-of-the-bedu-in-petra-and-wadi-rum-00122>

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

Not aware

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

Petra

Situated between the Red Sea and the Dead Sea and inhabited since prehistoric times, the rock-cut capital city of the Nabateans, became during Hellenistic and Roman times a major caravan centre for the incense of Arabia, the silks of China and the spices of India, a crossroads between Arabia, Egypt and Syria-Phoenicia. Petra is half-built, half-carved into the rock, and is surrounded by mountains riddled with passages and gorges. An ingenious water management system allowed extensive settlement of an essentially arid area during the Nabataean, Roman and Byzantine periods. It is one of the world's richest and largest archaeological sites set in a dominating red sandstone landscape.

The Outstanding Universal Value of Petra resides in the vast extent of elaborate tomb and temple architecture; religious high places; the remnant channels, tunnels and diversion dams that combined with a vast network of cisterns and reservoirs which controlled and conserved seasonal rains, and the extensive archaeological remains including of copper mining, temples, churches and other public buildings. The fusion of Hellenistic architectural facades with traditional Nabataean rock-cut temple/tombs including the Khasneh, the Urn Tomb, the Palace Tomb, the Corinthian Tomb and the Deir ("monastery") represents a unique artistic achievement and an outstanding architectural ensemble of the first centuries BC to AD. The varied archaeological remains and architectural monuments from prehistoric times to the medieval periods bear exceptional testimony to the now lost civilisations which succeeded each other at the site.

Criterion (i): The dramatic Nabataean/Hellenistic rock-cut temple/tombs approached via a natural winding rocky cleft (the Siq), which is the main entrance from the east to a once extensive trading city, represent a unique artistic achievement. They are masterpieces of a lost city that has fascinated visitors since the early 19th century. The entrance approach and the settlement itself were made possible by the creative genius of the extensive water distribution and storage system.

Criterion (iii): The serried rows of numerous rock-cut tombs reflecting architectural influences from the Assyrians through to monumental Hellenistic; the sacrificial and other religious high places including on Jebels Madbah, M'eisrah, Khubtha, Habis and Al Madras; the remains of the extensive water engineering system, city walls and freestanding temples; garden terraces; funerary stelae and inscriptions together with the outlying caravan staging posts on the approaches from the north (Barid or Little Petra) and south (Sabra) also containing tombs, temples, water cisterns and reservoirs are an outstanding testament to the now lost Nabataean civilization of the fourth century BC to the first century AD.

Remains of the Neolithic settlement at Beidha, the Iron Age settlement on Umm al Biyara, the Chalcolithic mining sites at Umm al Amad, the remains of Graeco-Roman civic planning including the colonnaded street, triple-arched entrance gate, theatre, Nymphaeum and baths; Byzantine remains including the triple-apsed basilica church and the church created in the Urn Tomb; the remnant Crusader fortresses of Habis and Wueira; and the foundation of the mosque on Jebel Haroun, traditionally the burial place of the Prophet Aaron, all bear exceptional testimony to past civilizations in the Petra area.

Criterion (iv): The architectural ensemble comprising the so-called "royal tombs" in Petra (including the Khasneh, the Urn Tomb, the Palace Tomb and the Corinthian Tomb), and the Deir ("monastery") demonstrate an outstanding fusion of Hellenistic architecture with Eastern tradition, marking a significant meeting of East and West at the turn of the first millennium of our era.

The Umm al Amad copper mines and underground galleries are an outstanding example of mining structures dating from the fourth millennium BC.

The remnants of the diversion dam, Muthlim tunnel, water channels, aqueducts, reservoirs and cisterns are an outstanding example of water engineering dating from the first centuries BC to AD.

Integrity

All the main freestanding and rock-cut monuments and extensive archaeological remains within the arid landscape of red sandstone cliffs and gorges lie within the boundaries of the property that coincide with the boundaries of the Petra National Park. The monuments are subject to ongoing erosion due to wind and rain, exacerbated in the past by windblown sand due to grazing animals reducing ground cover. The resettlement more than twenty years ago of the Bdul (Bedouin) tribe and their livestock away from their former seasonal dwellings in the Petra basin to a new village at Umm Sayhun was aimed in part at arresting this process.

They are also vulnerable to flash flooding along Wadi Musa through the winding gorge (Siq) if the Nabataean diversion system is not continually monitored, repaired and maintained.

The property is under pressure from tourism, which has increased greatly since the time of inscription, particularly congestion points such as the Siq which is the main entrance to the city from the east.

The property is also vulnerable to the infrastructure needs of local communities and tourists. A new sewerage treatment plant has been provided within the property to the north with the recycled water being used for an adjacent drip irrigation farming project. Further infrastructure development proposed inside the boundary includes electricity supply and substation, a community/visitor centre, an outdoor theatre for community events, picnic areas, camping ground and a new restaurant near the Qasr al Bint temple, all of which have the potential to impact on the integrity of the property.

Authenticity

The attributes of temple/tomb monuments, and their location and setting clearly express the Outstanding Universal Value. The natural decay of the sandstone architecture threatens the authenticity of the property in the long-term. Stabilization of freestanding monuments including the Qasr al Bint temple and the vaulted structure supporting the Byzantine forecourt to the Urn Tomb Church was carried out prior to inscription.

Protection and management requirements

Under Jordanian National law, responsibility for protection of Antiquities sites lies with the Department of Antiquities, a separate entity under the Ministry for Tourism and Antiquities.

The property is a protected area within the Petra Archaeological Park managed by the Ministry of Tourism and Antiquities. However responsibility for the overall planning and implementation of infrastructure projects at the site rests largely with the Petra Regional Authority (PRA) - originally the Petra Regional Planning Council (PRPC) - but now expanded to cover the social and economic wellbeing of the communities in the locality.

Increased staff numbers have enabled campaigns of inspection and control and strategies have been developed to manage tourist access and local community involvement, including the location and design of community-managed shop/kiosks.

Regulations and policies developed under the Petra Archaeological Park Operating Plan will cover infrastructure projects undertaken by the PRA including electrification of the Petra Archaeological Park and works associated with water recycling farming projects including tree-planting. They will also cover visitor facilities such as park lighting, tourist trails and interpretative signage, restaurants and shops, community recreation areas and businesses, as well as public events and activities within the park.

There is a long-term need for a framework for sustainable development and management practices aimed at protecting the property from damage resulting from the pressure of visitors, while enhancing revenues from tourism that will contribute to the economic and social viability of the region.

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

Brief identification of attribute		Preserved	Compromised	Seriously compromised	Lost
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3.2.1	The Deir (Monastrey)	×			
3.2.2	The Urn Tomb	×			
3.2.3	The Siq	×			
3.2.4	The Theater	×			
3.2.5	Water Management System	×			
3.2.6	Elaborate Tomb and Temple Architecture	×			
3.2.7	The Treasury	×			
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






4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Outside

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

4.1.2 - Commercial development

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.1.3 - Industrial areas

Previous answer Cycle 2 (17/09/2009):











- Relevant, Potential, Outside

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

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Inside, Outside

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

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Negative, Inside

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

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

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

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Negative, Inside

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Outside

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

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

4.4.3 - Surface water pollution

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.4.5 - Solid waste

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	✕ Not relevant
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4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

Relevant	✕ Not relevant
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4.5.2 - Aquaculture

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	✕ Not relevant
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4.5.3 - Land conversion

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.5.5 - Crop production

Previous answer Cycle 2 (17/09/2009):



- Relevant, Positive, Inside

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

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (17/09/2009):



- Relevant, Potential, Inside

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

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

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

4.5.8 - Commercial hunting

Previous answer Cycle 2 (17/09/2009):

- Not relevant





Relevant	 Not relevant
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4.5.9 - Subsistence hunting

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

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

 Positive							
 Negative 							

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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


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

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	 Not relevant
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4.6.2 - Quarrying

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	 Not relevant
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4.6.3 - Oil and gas

Previous answer Cycle 2 (17/09/2009):


- Not relevant

Relevant	 Not relevant
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4.6.4 - Water (extraction)

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (17/09/2009):


- Relevant, Negative, Inside












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

4.7.2 - Relative humidity

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative 							

4.7.3 - Temperature

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.4 - Radiation/Light

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.5 - Dust

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.7 - Pests

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.8 - Micro-organisms

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (17/09/2009):

- Not relevant

Relevant	✕ Not relevant
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4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Inside, Outside

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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

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

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Outside

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

➕ Positive							
➖ Negative ✕	✕			✕		➡	

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Outside

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

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

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, 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 (17/09/2009):

- Relevant, Negative, Inside

✕ 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 (17/09/2009):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.9.5 - Terrorism

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential

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

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

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

✕ 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 (17/09/2009):

- Relevant, Negative, Potential, Inside

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

4.10.3 - Drought

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.10.4 - Desertification

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.10.6 - Temperature change

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Inside

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

Positive							
Negative							

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside

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

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

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.11.2 - Earthquake

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside, Outside

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside














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

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside

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

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

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species














Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential, Inside

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

4.12.2 - Invasive/Alien terrestrial species

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














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

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (17/09/2009):

- Relevant, Negative, Potential

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

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (17/09/2009):

- Not relevant

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







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

4.13. Management and institutional factors


4.13.1 - Management system/Management plan

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

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

Positive 							
Negative 							

4.13.2 - Legal framework

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

4.13.3 - Governance

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

4.13.4 - Management activities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Positive, Inside

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

4.13.5 - Financial resources

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

4.13.6 - Human resources

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

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (17/09/2009):









- Relevant, Positive, Inside

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (17/09/2009):

- Relevant, Potential, Inside

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



















































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

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.1 Housing						
						
4.1.2 Commercial development						
						
4.1.3 Industrial areas						
						
4.1.4 Major visitor accommodation and associated infrastructure						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
4.3 Services Infrastructures						
4.3.1 Water infrastructure						
4.3.2 Renewable energy facilities						
4.3.4 Localised utilities						
						
4.4 Pollution						
4.4.2 Ground water pollution						
						
4.4.4 Air pollution						

4.4.5 Solid waste						
4.5 Biological resource use/modification						
4.5.3 Land conversion						
4.5.4 Livestock farming/Grazing of domesticated animals						
4.5.5 Crop production						
4.5.6 Commercial wild plant collection						
4.5.7 Subsistence wild plant collection						
4.5.9 Subsistence hunting						
4.5.10 Forestry/Wood production						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
4.7.2 Relative humidity						
4.7.3 Temperature						
4.7.4 Radiation/Light						
4.7.5 Dust						
4.7.6 Water (rain/water table)						
4.7.7 Pests						
4.7.8 Micro-organisms						
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage						
4.8.3 Indigenous hunting, gathering and collecting						
4.8.4 Changes in traditional ways of life and knowledge system						

4.8.5 Identity, social cohesion, changes in local population and community						
	⊖	⚠			🔄	➡
4.8.6 Impacts of tourism/Visitation/Recreation	⊕	⚠			🔄	➡
4.9 Other human activities						
4.9.1 Illegal activities						
	⊖	⚠		⊕		➡
4.9.2 Deliberate destruction of heritage						
	⊖	⚠		⊕		➡
4.10 Climate change and severe weather events						
4.10.1 Storms						
	⊖	⚠		⊕		➡
4.10.2 Flooding						
	⊖	⚠	⚠	⊕	🔄	➡
4.10.3 Drought						
	⊖		⚠	⊕		➡
4.10.4 Desertification						
	⊖		⚠	⊕		➡
4.10.6 Temperature change						
	⊖		⚠	⊕		➡
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
	⊖		⚠	⊕	🔄	➡
4.11.4 Avalanche/Landslide						
	⊖	⚠	⚠	⊕		➡
4.11.5 Erosion and siltation/Deposition						
	⊖	⚠	⚠	⊕		➡
4.11.6 Fire (wildfire)						
	⊖		⚠	⊕		➡
4.12 Invasive/alien species or hyper-abundant species						
4.12.2 Invasive/Alien terrestrial species						
	⊖		⚠	⊕		➡
4.12.3 Invasive/Alien freshwater species						
	⊖		⚠	⊕		➡
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	⊕	⚠		⊕	🔄	➡
4.13.2 Legal framework	⊕	⚠		⊕	🔄	➡
4.13.3 Governance	⊕	⚠		⊕	🔄	➡
4.13.4 Management activities	⊕	⚠		⊕	🔄	➡

4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
4.13.8 High impact research/monitoring activities						
Legend	Current	Potential	Negative	Positive	Inside	Outside




4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name	Impact	Origin	Trend
4.1.1 Housing			
	⊖	🚩	➡

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

Name	Impact	Origin	Trend
4.1.2 Commercial development			
			

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes




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

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

Name	Impact	Origin	Trend
4.1.3 Industrial areas			
			





Spatial scale - Area affected by the factor

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

Name	Impact			Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure					

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

Name	Impact	Origin	Trend
4.1.5 Interpretative and visitation facilities	 		

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✕	Major





Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.1 Ground transport infrastructure	 		





Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic




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

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






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

✕	Static
	Increasing

4.3 Services Infrastructures

Name	Impact	Origin	Trend
4.3.1 Water infrastructure	 		

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

Name	Impact	Origin	Trend
4.3.2 Renewable energy facilities	 	 	

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

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

Name	Impact			Origin	Trend
4.3.4 Localised utilities					

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

	Decreasing
✕	Static
	Increasing

4.4 Pollution

Name	Impact			Origin		Trend
4.4.2 Ground water pollution						
	⊖		📢		🔄	➡

Spatial scale - Area affected by the factor

✕	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

✕	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.4.4 Air pollution						
	⊖		📢	🔄		➡

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Name	Impact	Origin	Trend
4.4.5 Solid waste			
	⊖	🗑️	📈

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

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

4.5 Biological resource use/modification

Name	Impact			Origin		Trend
4.5.3 Land conversion						
	⊖		📢		🔄	↗

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

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

Name	Impact			Origin		Trend
4.5.4 Livestock farming/Grazing of domesticated animals						
	⊖	📢		🔄		↗

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

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

Name	Impact			Origin		Trend
4.5.5 Crop production						

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

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

Name	Impact	Origin	Trend
4.5.6 Commercial wild plant collection			
	<div> <div></div> <div></div> <div></div> </div>		
	<div> <div></div> <div></div> <div></div> </div>		

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

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

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major




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

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

Name	Impact	Origin	Trend
4.5.7 Subsistence wild plant collection			
	<div> <div></div> <div></div> <div></div> </div>		
	<div> <div></div> <div></div> <div></div> </div>		













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

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

Name	Impact			Origin		Trend
4.5.9 Subsistence hunting						
						

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

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

Name	Impact	Origin	Trend
4.5.10 Forestry/Wood production	  	 	
	  	 	

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












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

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

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




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

4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.1 Wind	  	 	
	  	 	

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

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

Name	Impact	Origin	Trend
4.7.2 Relative humidity			
			

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

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

Name	Impact			Origin		Trend
4.7.3 Temperature						
	⊖	📢		🌱		➡

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major




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

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

Name	Impact			Origin		Trend
4.7.4 Radiation/Light						
	⊖	📢		🌱		➡



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

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

Name	Impact			Origin		Trend
4.7.5 Dust						
						

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

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

Name	Impact			Origin		Trend
4.7.6 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

Name	Impact			Origin		Trend
4.7.7 Pests						
						

Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive





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

Name	Impact			Origin		Trend
4.7.8 Micro-organisms						
						

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

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

4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage	 	 	




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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major

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

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

Name	Impact	Origin	Trend
4.8.3 Indigenous hunting, gathering and collecting	 		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised

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

Name	Impact			Origin	Trend
4.8.4 Changes in traditional ways of life and knowledge system	+		📌	🔄	➡

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

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

Name	Impact	Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community			
	<div> </div>	<div> </div>	<div> </div>





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

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	<div> </div>	<div> </div>	<div> </div>

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised




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

4.9 Other human activities

Name	Impact			Origin		Trend
4.9.1 Illegal activities						
						




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

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

Name	Impact	Origin	Trend
4.9.2 Deliberate destruction of heritage			
			

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

4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
			
Spatial scale - Area affected by the factor			

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

Name	Impact			Origin		Trend
4.10.2 Flooding						

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

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

Name	Impact	Origin	Trend
4.10.3 Drought			
	⊖	📢	➡

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

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

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

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

Name	Impact	Origin	Trend
4.10.4 Desertification			
	⊖	📢	➡

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






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

Name	Impact			Origin		Trend
4.10.6 Temperature change						
	⊖		📢	🌐		➡

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

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

4.11 Sudden ecological or geological events

Name	Impact			Origin		Trend
4.11.2 Earthquake						
						

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

Name	Impact			Origin		Trend
4.11.4 Avalanche/Landslide						

Spatial scale - Area affected by the factor

Restricted

✕

Localised

Extensive

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

✕

Frequent

On-going

Impact - Impact on the attributes

Insignificant

Minor

✕

Significant

Major

Management response - Capacity of management to respond

High capacity

✕

Medium capacity

Low capacity

No capacity and / or resources

Trend - Developement over the last 6 years

Decreasing

Static

✕

Increasing

Name	Impact			Origin		Trend
4.11.5 Erosion and siltation/Deposition						

Spatial scale - Area affected by the factor

Restricted

Localised

✕

Extensive

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

✕

Frequent




On-going

Impact - Impact on the attributes

Insignificant

Minor

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

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						
						

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

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

Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

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

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

4.12 Invasive/alien species or hyper-abundant species

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

4.12.2 Invasive/Alien terrestrial species						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
	Static
	Increasing

Name	Impact			Origin		Trend
4.12.3 Invasive/Alien freshwater species						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
	Widespread

Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
	On-going

Impact - Impact on the attributes






	Insignificant
--	---------------

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






4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	<div> <div>+</div> <div>📢</div> <div></div> </div>	<div> <div>🌐</div> <div>🔄</div> <div></div> </div>	<div> <div>↗</div> <div></div> <div></div> </div>

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

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	

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

Name	Impact	Origin	Trend
4.13.3 Governance	 	 	

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

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

Name	Impact	Origin	Trend
4.13.4 Management activities	<div> <div>+</div> <div>🚩</div> <div></div> </div>	<div> <div>📍</div> <div>🔄</div> </div>	<div> <div>↗</div> </div>

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

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

4.13.5 Financial resources						

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✕	Major

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.6 Human resources						

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

	Insignificant
--	---------------

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

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major

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

Name	Impact			Origin		Trend
4.13.8 High impact research/monitoring activities						

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

4.17. Serial inscriptions (national or transnational)

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

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

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

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	The Deir (Monastrey)	X			
4.18.1.2	The Treasury	X			
4.18.1.3	Water Management System	X			
4.18.1.4	The Siq	X			
4.18.1.5	Elaborate Tomb and Temple Architecture	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 both** the management authority and local communities/landowners

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

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

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

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

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

5.2. Protective Measures

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

The Site is registered to the Department of Antiquities and protected by Law 21 of Antiquities of 1988 and the amendings.

Source: 2000 Periodic Report, Section II, par. II.4.1.a; Periodic Reporting Cycle 2

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

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

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

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

5.3. Management System/Management Plan

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

Public management system joint 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.

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

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

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

A management plan

An annual work plan or business plan


A disaster, climate or conflict risk management plan

A visitor/visitation management plan

A joint approach to management of cultural and natural heritage

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

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
The Petra Archaeological Park Operating Plan, produced under the Memorandum of Agreement Between the Hashemite Kingdom of Jordan Ministry of Tourism and Antiquities and the United States National Park Service, 2000.	N/A	Available	2000	

Draft Managment Plan for Petra Archaeological and Natural Park	N/A	Available	1993	
Petra National Park Management Plan. Main Report	N/A	Available	1994	
Management Analysis and Recommendations for the Petra World Heritage Site, Jordan, 14/12/1996	N/A	Available	1996	
Jordan Petra National Park. A synthesis of the Managment Plan.	N/A	Available	1994	

Comment

The Petra Development & Tourism Region Authority and the Department of Antiquities in cooperation with the UNESCO Amman Office have been working on the "Petra Integrated Management Plan" where the official endorsement will be this year.

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.

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

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

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

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

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

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

The Strategy for Reducing Risks from Disasters at World Heritage Properties was used in the Siq Stability Project.

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?

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

5.3.13 - Is the management system being implemented?

The management system is being **only partially implemented**

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

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

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

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

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

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					✗

5.3.16.2	Local/Municipal authorities					×
5.3.16.3	Indigenous peoples					×
5.3.16.4	Landowners					×
5.3.16.5	Women				×	
5.3.16.6	Youth/Children				×	
5.3.16.7	Researchers				×	
5.3.16.8	Local Visitors/Tourists				×	
5.3.16.9	National/International tourists				×	
5.3.16.10	Tourism Industry					×
5.3.16.11	Local businesses and industries				×	
5.3.16.12	NGOs					×
5.3.16.13	Other specific groups				×	
	If you selected 'Other specific groups', please specify					

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

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

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

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

6. Financial and Human Resources

6.1. Funding

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

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	20 %	0 %
6.1.1.2	Bilateral international funding	%	0 %
6.1.1.3	World Heritage Fund (International Assistance)	15 %	0 %
6.1.1.4	Contribution from other conventions and programmes	5 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	%	0 %
6.1.1.6	Governmental (national/federal)	%	%
6.1.1.7	Governmental (regional/provincial/state)	20 %	0 %
6.1.1.8	Governmental (local/municipal)	%	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	%	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	40 %	95 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	5 %

6.1.1.12	Other	0 %	%
		Total 100 %	Total 100 %

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

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

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

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

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

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

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	90 %	50 %
6.1.6.2	Women	10 %	50 %
		Total 100 %	Total 100 %

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

Human resources are **inadequate** for management needs

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

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

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

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

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

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

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

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

7. Scientific Studies and Research Projects

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

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

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

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

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

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

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

Question 7.3 Results are shared with the PDTRA and the DoA, however, they are not shared with the local community.

8. Education, Information and Awareness Building

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

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

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

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

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

Local communities
Indigenous peoples
Women
Youth/children
NGOs

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

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

9. Visitor Management

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

828952 / 620441 / 464154 / 410371 / 551491 /

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?

Overnight stay

9.4 - Please provide the source of information

Hotels Association.

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

9.6 - Please provide the source of information

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There **is a strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property but it is **not implemented**

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

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

PDTRA system

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

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

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

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

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

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

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

Fees are collected and make a **substantial contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Petra by Night Program

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

Yes

If 'Yes', please specify

Local guides, shops and and Horses" owners

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

10. Monitoring

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

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

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

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

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

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

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

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

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good
Local communities	Not applicable
Indigenous peoples	Non-existent
Landowners	Non-existent
Women	Non-existent
Researchers	Poor
Tourism industry	Non-existent
Local businesses and industry	Non-existent
NGOs	Poor
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.

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	✗
5.2	Protective Measures	
5.2.3	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	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	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.2.6	There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	
5.3	Management System/Management Plan	
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✗
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	✗
5.3.12	The management system/plan is only partially adequate to maintain the property's Outstanding Universal Value	
5.3.13	The management system at the property is only being partially implemented	
5.3.17	<ul style="list-style-type: none"> • In a limited manner, the management system of the World Heritage property does provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants) • In a limited manner, the management system of the World Heritage property does contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status • In a limited manner, the management system of the World Heritage property does integrate a human rights-based approach • In a limited manner, the management system of the World Heritage property does contribute to fostering inclusive local economic development, and to enhancing livelihood • In a limited manner, the management system of the World Heritage property does contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property 	
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	
6.1.7	Human resources are inadequate for the management needs of the World Heritage property	
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	✗
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	
7	Scientific Studies and Research Projects	
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	✗
7.3	Research results are shared with local communities and partners but there is no active outreach to national or international agencies	
8	Education, Information and Awareness Building	
8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	✗
9	Visitor Management	
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but it is not implemented	
9.9	Visitor use of the World Heritage property is managed but improvements could be made	✗
9.12	The Outstanding Universal Value of the property is not adequately presented and interpreted	
10	Monitoring	
10.1	There is considerable monitoring at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	✗
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	✗

Please select 1 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

4.1	Buildings and Development						
4.1.2	Commercial development	all site	Increase the number of rangers Build a new location outside PAP for vendors	whenever it need	on - going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.7	Local conditions affecting physical fabric						
4.7.1		Wind					
4.7.2	Relative humidity	the monastery	Installing humidity devices inside the monument	after summer time	on-going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.7.3	Temperature	the siq	Installing Temperature measuring devices	when ever it need	on - going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.7.5	Dust	the theater	cleaned after spring time	when ever it need	on - going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.7.6	Water (rain/water table)	the theater	Clean the drainage channels	when ever it needs	on - going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.9	Other human activities						
4.9.1		Illegal activities					
4.10	Climate change and severe weather events						
4.10.2	Flooding	the treasury	rebuilt and cleaned some of the orginal dams	after each flash flood in the area	on - going	Petra Development and Tourism Regional Authority (PDTRA),	no comments
4.10.4		Desertification					
4.11	Sudden ecological or geological events						
4.11.5		Erosion and siltation/Deposition					

Question not completed

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
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	Discussions are held with the local community with a view to reaching a final conclusion regarding the use of land in that area .	On-going.	Petra Development and Tourism Regional Authority (PDTRA).	No comments.
5.3	Management System/Management Plan				

5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Siq stability project, another projects regarding the flashflood implementing in the property right now	1-4 years	Petra Development and Tourism Regional Authority (PDTRA), Department of Antiquities, UNESCO Office Amman.	No comments.
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	A joint committee has been formed between the Department of Antiquities (DOA) and the Petra Development and tourism regional authority (PDTRA) to evaluate all projects submitted to the PDTRA within and outside PAP	on - going	Petra Development and Tourism Regional Authority (PDTRA), Department of Antiquities,	no comments
6.1	Funding				
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	This strategy will be implemented through the implementation of the Petra Integrated management plan which will be approved next month	1-4 YEARS	Petra Development and Tourism Regional Authority (PDTRA), Department of Antiquities, UNESCO Office Amman.	NO COMMENTS
7	Scientific Studies and Research Projects				
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	PDTRA In cooperation with the Faculty of Tourism and Archeology Al-Hussein Bin Talal University will conduct several researches related to this issue	1-3 YEARS	Petra Development and Tourism Regional Authority (PDTRA), Department of Antiquities, Faculty of Tourism and Archeology Al-Hussein Bin Talal University	NO COMMENTS
8	Education, Information and Awareness Building				
8.2	There is a planned education and awareness programme for children and/or youth but it only partly meets the needs	PDTRA will in cooperation with the partners, will hold sustainable courses to raise awareness about the importance of the archaeological site and will be implemented through the Umm Sehoun Development Center.	1-4 YEARS	Faculty of Tourism and Archeology Al-Hussein Bin Talal University . Petra Development and Tourism Regional Authority (PDTRA), Petra National Trust (PNT)	NO COMMENTS
9	Visitor Management				
9.9	Visitor use of the World Heritage property is managed but improvements could be made	Increase the numbers of rangers within the site . Increase the guiding and warning signs . Making inside the property information booths . Modify the tourist trails within the site .	1-3 YEARS	Petra Development and Tourism Regional Authority (PDTRA),	NO COMMENTS
10	Monitoring				

10.1	There is considerable monitoring at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	A new department was created at the Directorate of Cultural Resources Management (monitoring and Inspection Department)	1-4 YEARS	Petra Development and Tourism Regional Authority (PDTRA),	NO COMMENTS
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	PDTRA will following up this matter through the new Monitoring and Inspection department	1-4 years	Petra Development and Tourism Regional Authority (PDTRA),	no comments

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 preserved**

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

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

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

The World Heritage property's Outstanding Universal Value **has been 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 and the state of conservation of the World Heritage property are **intact**

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

13. Impact of World Heritage Status

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

Conservation	Very positive
Research and monitoring	Very positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Not applicable
Legal/Policy framework	Very positive
Advocacy	No impact
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	Positive
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Positive
Other	Not applicable
If 'Other', please specify	

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

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

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

The Petra Development & Tourism Region Authority (PDTRA) was established in 2009 to overlook and manage the Petra Archaeological Park. The Petra Development & Tourism Region Authority and the Department of Antiquities in cooperation with the UNESCO Amman Office have been working on the "Petra Integrated Management Plan" where the official endorsement will be in 2019. Regarding projects; the PDTRA are more aware regarding the importance of HIA and EIA for all new proposed projects that might affect the OUV Siq Stability – Sustainable Monitoring Techniques for Assessing Instability of Slopes in the Siq of Petra. The PDTRA is working on the buffer zone. Several national and international missions are working on the site to further research and identify its archaeological assets.

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

Sustainable Development
Synergies
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 property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

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

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

15.2. Use of Data

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

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

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

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Site Manager/Coordinator World Heritage property staff

Focal points of other international conventions/programmes

Responsible persons for local designated sites under other international conventions/ programmes

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

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

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

Yes

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

20 / 40 / 4 /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources	✕	
15.3.5.2	Financial resources for organizing consultation meetings/ training		✕

15.4. Format and content of the Periodic Report

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

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			✕	
15.4.2.2	Clarity of questions			✕	

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

15.5. Training and Guidance

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

UNESCO World Heritage Centre	Good
UNESCO (other sectors/field offices)	No support
UNESCO National Commission	Poor
ICOMOS International	No support
IUCN International	No support
ICCROM international/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	No support

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

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

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

Yes

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

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

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

No item were proposed for update

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

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

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