

State Historical and Cultural Park “Ancient Merv”

1. World Heritage Property Data

1.1 - Name of World Heritage property

State Historical and Cultural Park “Ancient Merv”

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Historic urban centre of the Merv oasis, Erk and Gyaur Kala and Sultan Kala	0 / 0	0	0	0	1999
Abdullah Khan Kala	37.668 / 62.178	0	0	0	1999
Yaz and Gobekli Tepes	37.751 / 61.998	0	0	0	1999
Takhirbaj Tepe	38.066 / 62.086	0	0	0	1999
Kelleli; Adji Kui; Taip	38.25 / 61.736	0	0	0	1999
Gonur Tepe	38.216 / 62.037	0	0	0	1999
Togoluk	38.121 / 62	0	0	0	1999
Timurid iwans or Askhab	0 / 0	0	0	0	1999
Yusuf Hamdani	0 / 0	0	0	0	1999
Greater and Lesser Kiz Kala	0 / 0	0	0	0	1999
the Koshk-i Murat	0 / 0	0	0	0	1999
Porsoy koshk	0 / 0	0	0	0	1999
Koshk Imaret near Abdullah Khan Kala	0 / 0	0	0	0	1999
dings near Bairam Ali Electricity Station	0 / 0	0	0	0	1999
1st of three Icehouses	0 / 0	0	0	0	1999
2nd of three Icehouses	0 / 0	0	0	0	1999
3rd of three Icehouses	0 / 0	0	0	0	1999
mosque and minaret at Uly Kishman	0 / 0	0	0	0	1999
minaret at Garry Kishman	0 / 0	0	0	0	1999
Mosque/Mausoleum of Talkhattan Baba	37.601 / 62.217	0	0	0	1999
Mausolea of Imam Bakr and Shafi	37.522 / 62.222	0	0	0	1999
Mausoleum of Huday Nazar; the Mausolea of Gok Gumbaz	0 / 0	0	0	0	1999
Mausoleum of Imam Qasim	0 / 0	0	0	0	1999
Garam koshk	37.717 / 62.15	0	0	0	1999
Besh Agyz koshk	37.922 / 62.081	0	0	0	1999
Thulli koshk	37.919 / 62.306	0	0	0	1999
Greater and Lesser Nagym Kalas	37.871 / 62.195	0	0	0	1999
Kelte Minara koshk	37.56 / 62.147	0	0	0	1999
Ovliali koshk	37.5 / 62.067	0	0	0	1999
Yaki Pir koshk	37.887 / 62.219	0	0	0	1999
Durnali koshk	37.884 / 62.114	0	0	0	1999
Kurtly 'caravanserai'	37.878 / 62.291	0	0	0	1999
Bairam Ali Ding	37.756 / 62.133	0	0	0	1999
Total (ha)			0		

Comment

Some property need updates. For example: some property missing coordinates and hectars (ha) including hectars of buffer zone

1.4 - Map(s)

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

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?

No

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

No

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

No

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

No

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

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

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

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

No

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

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

No

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

The State Historical and Cultural Park "Ancient Merv" is the oldest and most completely preserved of the oasis cities along the Silk Roads in Central Asia. It is located in the territory of Mary velayat of Turkmenistan. It has supported a series of urban centres since the 3rd millennium BC and played an important role in the history of the East connected with the unparalleled existence of cultural landscape and exceptional variety of cultures which existed within the Murgab river oasis being in continually interactions and successive development. It reached its apogee during the Muslim epoch and became a capital of the Arabic Caliphate at the beginning of 9th century and as a capital of the Great Seljuks Empire at the 11th-12th centuries.

Today "Ancient Merv" is a large archaeological park which includes remains of Bronze Age centres (2500-1200 BC) such as Kelleli, Adji Kui, Taip, Gonur, and Togoluk; Iron Age centres (1200-300 BC) such as Yaz/Gobekli Depes and Takhirbaj Depe; the historic urban centre and the post-medieval city, *Abdullah Khan Kala*. The inscribed property covers the area of 353 ha with a buffer zone of 883 ha.

The historic urban centre consists of a series of adjacent walled cities: Erk Kala, Gyaurl Kala and the medieval Sultan Kala or Marv al-Shahijan. Erk Kala (20ha), is a walled and moated polygonal site with walls surviving to some 30 m and an internal citadel. Gyaurl Kala, is roughly square in plan, with walls about 2 km long. In the interior are the remains of a number of important structures: the central Beni Makhan mosque and its cistern; the Buddhist stupa and monastery; and the "Oval Building" consisting in a series of rooms around a courtyard on an elevated platform. Medieval Sultan Kala was walled in the 11th century, with its Mausoleum of Sultan Sanjar (1118-57) which originally formed part of a large religious complex; the fine details of the Mausoleum such as the elegant brickwork, the carved stucco, and the surviving mural paintings, make it one of the most outstanding architectural achievements of the Seljuk period. The walls (12 km) of the medieval city and of the citadel (Shahriyar Ark) are unique and represent two consecutive periods of 11th-13th centuries military architecture, including towers, posterns, stairways, galleries, and in places, crenellation. In addition to these main urban features, there are a number of important medieval monuments in their immediate vicinity such as the Mausoleum of Muhammad ibn Zayd.

The walls of the post medieval city are of exceptional interest, since they continue the remarkable continuous record of the evolution of military architecture from the 5th century BC to the 15th-16th centuries AD.

There are also major monuments from different historical periods in the oasis. Among them it can be mentioned the *koshks*, one of the most characteristic architectural features of the oasis, fortresses and many fine mosques and mausolea.

Criterion (ii): The cities of the Merv oasis have exerted considerable influence over the cultures of Central Asia and Iran for four millennia. The Seljuk city in particular influenced architecture and architectural decoration and scientific and cultural development.

Criterion (iii): The sequence of the cities of the Merv oasis, their fortifications, and their urban lay-outs bear exceptional testimony to the civilizations of Central Asia over several millennia.

Integrity

All elements necessary to express the values of the State Historical and Cultural Park "Ancient Merv" are included within the boundaries of the World Heritage property and buffer zone which ensures the complete representation of its significance as an architectural and cultural site.

Ancient Merv represents a system of sites built at different times following the changing course of riverbed of the Murgab river and its gradual shifts from the east to the west. New sites were constructed after old ones were abandoned and never again occupied, thus becoming unique "memory keepers". Archaeological layers were not covered by the subsequent developments so the ruins of massive earthen buildings retain the characteristics of original structures which did not undergo to reconstruction and alteration.

Conservation actions implemented at the property have centred on addressing current conditions, particularly potential threats such as an anthropogenic change of the landscape and influence of natural factors such as a deflation, underground water levels rising and connected with it a salinisation of earthen constructions.

Authenticity

It is difficult to generalize about the authenticity of so vast and complex a property as the State Historical and Cultural Park "Ancient Merv". The archaeological sites have been relatively untouched and so their authenticity is irreproachable. Restoration and conservation interventions at some of the Islamic religious structures during the 20th century have not been carried out according to existing conservation principles, though they may be defended as essential to stabilize and ensure the continuity of these "living" monuments. They have been well documented and it is possible to reverse them if required. In any case, they represent only a minute proportion of the totality of this ancient landscape and its monuments. Conservation policies for the property will need to consider guidelines that meet current conservation standards so as to prevent potential impacts to the authenticity of the component parts of the property.

Protection and management requirements

The State Historical and Cultural Park "Ancient Merv" was created by decree in 1987 and has additional protection at the national level granted by the provisions of the 1992 Law on the Protection of Turkmenistan Historical and Cultural Monuments. The Park is the property of the Republic of Turkmenistan and all its components are included in the National Heritage List.

Listing in the National Heritage List implies that any proposed action to be taken inside or outside of boundaries of National Heritage place or a World Heritage property that may have a significant impact on the heritage values is prohibited without the approval of the authorized government body. A protection agreement which secures an inviolability of monuments and maintenance of conditions of economic activities and new constructions within boundaries of the buffer zone has been concluded between administration of the Park and local authorities. Archaeological excavations, within the Park require official permits from the Ministry of Culture

The overall management system for the property is adequate, involving both government administrative bodies and local communities, although plans for the sustainability of the landscape that respect local farming and agricultural traditions need to be better developed.

The present state of conservation is good. The property is maintained and preserved through regular and rigorous repair and conservation programmes.

The Management Plan of the State Historical and Cultural Park "Ancient Merv", currently in place, takes into account a wide range of measures under planning and heritage legislation and policies of the Turkmenistan Government. The Management Plan provides the policy framework for the conservation and management of the "Ancient Merv" and it is scheduled to be updated every 6 years.

In regard to long term management issues, the property requires balanced management of conservation activities and passing both traditional and modern conservation techniques from one generation to the next. Management of high pressure derived from tourism activities and urban growth also will be a long-term concern.

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

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Landscape	×			
3.2.2	Mud brick structures		×		
3.2.3	Decorative fired brick	×			
3.2.4	The carved stucco	×			
3.2.5	Religious and spiritual aspects		×		
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, 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 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.1.3 - Industrial areas

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, 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 (21/07/2011):

- Relevant, Negative, Potential, 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 (21/07/2011):

- Relevant, Negative, Potential, Inside

✕ 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 (21/07/2011):

- Relevant, Negative, Potential, Outside

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

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Current, Outside

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

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (21/07/2011):

- 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 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (21/07/2011):


- Not relevant

Relevant	✕ Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Outside

✕ 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 (21/07/2011):

- 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 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.2 - Aquaculture

Previous answer Cycle 2 (21/07/2011):

- Not relevant










Relevant	✕ Not relevant
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4.5.3 - Land conversion

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Outside




✕ Relevant	Not relevant
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	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 (21/07/2011):


- Relevant, Negative, Potential, Outside

✕ 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 (21/07/2011):

- Relevant, Negative, Potential, Outside

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

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.8 - Commercial hunting

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.9 - Subsistence hunting

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.6.2 - Quarrying

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.6.3 - Oil and gas

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.6.4 - Water (extraction)

Previous answer Cycle 2 (21/07/2011):

- 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 (21/07/2011):

- Relevant, Negative, Current, Outside

✕ 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 (21/07/2011):

- Relevant, Negative, Current, Outside

✕ 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 (21/07/2011):

- Relevant, Negative, Current, Outside

✕ 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 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.7.5 - Dust

Previous answer Cycle 2 (21/07/2011):

- Relevant, Positive, Current, Inside, Outside

✕ 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 (21/07/2011):

- Not relevant

✕ 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 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.7.8 - Micro-organisms

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Outside

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

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant	✕ Not relevant
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4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

Previous answer Cycle 2 (21/07/2011):

- Not relevant











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

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Inside

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

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








4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Outside

✕ Relevant	Not relevant
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




	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 (21/07/2011):

- Relevant, Negative, Potential, Outside

✕ 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 (21/07/2011):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

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

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.10.2 - Flooding

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.10.3 - Drought

Previous answer Cycle 2 (21/07/2011):

- Relevant, Positive, Potential, Outside

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

4.10.4 - Desertification

Previous answer Cycle 2 (21/07/2011):

- Relevant, Positive, Potential, Outside

✕ 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 (21/07/2011):

- Not relevant

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

4.10.6 - Temperature change

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, Outside

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

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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 (21/07/2011):

- Not relevant

Relevant

✕ Not relevant











4.11.2 - Earthquake

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Potential, 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 (21/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant

✕ Not relevant











4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (21/07/2011):

- Relevant, Negative, Current, Outside

✕ Relevant

Not relevant

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

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant

✕ Not relevant

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (21/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (21/07/2011):

- Not relevant

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (21/07/2011):

- 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 (21/07/2011):

- Relevant, Positive, Current, 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 (21/07/2011):

- Relevant, Positive, Current, 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 (21/07/2011):

- Relevant, Negative, 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						
4.1.3 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						
4.4 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						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
4.7.2 Relative humidity						
4.7.3 Temperature						
4.7.5 Dust						
4.7.6 Water (rain/water table)						
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses						
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						
4.10.3 Drought						
4.10.4 Desertification						

4.10.6 Temperature change						
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
4.11.5 Erosion and siltation/Deposition						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.6 Human resources						
4.13.7 Low impact research/monitoring activities						
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 - 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
4.1.3 Industrial areas						
	⊖		📌		🔄	↘

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
4.1.4 Major visitor accommodation and associated infrastructure	 	 	








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

Name	Impact	Origin	Trend
4.1.5 Interpretative and visitation facilities	 	 	

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

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






4.2 Transportation Infrastructure

Name	Impact			Origin	Trend
4.2.1 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

4.4 Pollution

Name	Impact			Origin		Trend
4.4.5 Solid waste						
						

Spatial scale - Area affected by the factor

- ☒ Restricted
- ☐ Localised
- ☐ Extensive
- ☐ Widespread

Temporal scale - Occurrence of the impact

- ☒ One off or rare
- ☐ Intermittent or sporadic
- ☐ Frequent
- ☐ On-going

Impact - Impact on the attributes

- ☐ Insignificant
- ☒ Minor
- ☐ Significant
- ☐ Major




Management response - Capacity of management to respond

- ☐ High capacity
- ☒ Medium capacity
- ☐ Low capacity
- ☐ No capacity and / or resources

Trend - Development over the last 6 years

- ☒ Decreasing
- ☐ Static
- ☐ Increasing

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 - 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
4.5.4 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	
<input checked="" type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.5.5 Crop production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>		

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread




Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources






Trend - Development over the last 6 years	
<input checked="" type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

4.7 Local conditions affecting physical fabric

Name	Impact			Origin		Trend
4.7.1 Wind	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>		

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	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			
	<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
4.7.5 Dust			
	<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
4.7.6 Water (rain/water table)						
						



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

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

4.8 Social/Cultural uses of heritage

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






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

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
4.10.3 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 - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major

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

Name	Impact	Origin	Trend
4.10.6 Temperature change			
	 	 	

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major

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

4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.2 Earthquake			

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

Name	Impact			Origin		Trend
4.11.5 Erosion and siltation/Deposition						

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor

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

4.13 Management and institutional factors

Name	Impact			Origin		Trend
4.13.1 Management system/Management plan			<input type="checkbox"/>		<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input checked="" type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input checked="" type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact	Origin	Trend
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4.13.2 Legal framework						

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✕	Major

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.3 Governance						

Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

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

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

Name	Impact			Origin		Trend
4.13.4 Management activities						

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





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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major

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

Name	Impact			Origin		Trend
4.13.5 Financial resources						

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

Name	Impact			Origin		Trend
4.13.6 Human resources						

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

	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						

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Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread

Temporal scale - Occurrence of the impact	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going

Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input checked="" type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
<input checked="" type="checkbox"/>	High capacity
<input type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources

Trend - Development over the last 6 years	
<input checked="" type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

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	Landscape	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.2	Mud brick structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.3	Decorative fired brick	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.4	The carved stucco	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.18.1.5	Religious and spiritual aspects	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

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

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

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

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

5.2. Protective Measures

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

Merv is covered by the provisions of the 1992 Law on the Protection of Turkmenistan Historical and Cultural Monuments. The State Historical and Cultural Park "Ancient Merv" was created by decree in 1997.

All interventions, including archaeological excavations, within the Park require official permits from the Ministry of Culture.

Comment

On October 19, 2012, the TURKMENISTAN LAW "On the protection of objects of national historical and cultural heritage"

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

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

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

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

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

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

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

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

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

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

The law of Turkmenistan on October 19, 2012 regulates relations in the use, use, popularization and state protection of the national historical and cultural heritage; ensures the right of the Turkmen people to preserve and develop their cultural and national identity, protect, restore and preserve the historical and cultural environment; Preservation and protection of sources of information about the origin and development of culture on the territory of Turkmenistan.

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 at national level

If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

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

5.3.4 - Management Documents

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

The policy for dealing with development proposals is **fully based** on 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 ?

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

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

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

There is **adequate coordination** between all bodies/levels involved in the management of the property

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

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

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

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

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

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

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

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

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

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

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

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

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

6. Financial and Human Resources

6.1. Funding

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

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

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

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

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

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

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

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

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	85 %	95 %
6.1.6.2	Women	15 %	5 %
		Total 100 %	Total 100 %

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

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

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

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

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

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

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

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

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

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

7. Scientific Studies and Research Projects

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

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

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

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

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

Research results **are shared** widely **with active outreach** to local communities and national and international audiences

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

8. Education, Information and Awareness Building

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

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

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

There is a **planned and effective education and awareness programme** for children and youth that contributes to the protection of the World Heritage property

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

Researchers
Local Visitors
National/international tourists
Tourism industry

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

Visitor centre	Good
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Good
Printed information materials	Good
Online (website, social media, etc.)	Not provided but needed
Transportation facilities	Not provided but needed
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

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

Entry tickets and registries

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

One to three hours

9.4 - Please provide the source of information

Entry check point

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

100 / 50 / 30 / 5 / 30 / 20 /

9.6 - Please provide the source of information

Tourist guides

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property**9.8 - Please provide any comments relating to the answer provided above in question 9.7****9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?**Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value****9.10 - Is the effectiveness of tourism management regularly monitored?**

Yes, using a different system

If a different system, please specify

Localized 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 adequately presented and interpreted****9.13 - At how many locations is the World Heritage emblem displayed at the property?**In **many locations** 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

Traditional ways (camels, horses etc.) to move through the site

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

Yes

If 'Yes', please specify

restaurant, souvenir shop for owners of traditional utensils and food

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

Year by year number of visitors were rising, but last year because of pandemic the number of visitors dropped down

10. Monitoring**10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?**There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value**10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?**Information on the values of the World Heritage property is **adequate and key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

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

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

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

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

World Heritage managers/coordinators and staff	Fair
Local/municipal authorities	Fair
Local communities	Not applicable
Indigenous peoples	Not applicable
Landowners	Not applicable
Women	Not applicable
Researchers	Not applicable
Tourism industry	Not applicable
Local businesses and industry	Not applicable
NGOs	Not applicable
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

5.3	Management System/Management Plan	
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
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 partly meet the management needs of the World Heritage property	×
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	×

Please select 0 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.5	Biological resource use/modification						
4.5.4		Livestock farming/Grazing of domesticated animals					
4.7	Local conditions affecting physical fabric						
4.7.1	Wind	Outside	Conservation	Surface changes	2 times per year(Spring and Autumn)	State Park	Damages the outlook of property
4.7.2	Relative humidity	Outside, inside	drainage	Visual	4 times a year (every quarter)	State Park	Damages the outlook of property
4.7.3	Temperature	Outside	Pre-conservation	temperature check	every month	State Park	Influences the structure
4.7.5		Dust					
4.7.6	Water (rain/water table)	Outside, inside	Conservation drainage	Visual	2 times per year	State Park	Damages the outlook of property
4.10	Climate change and severe weather events						
4.10.6	Temperature change	Outside	Pre-conservation	temperature check	every month	State Park	Influences the structure
4.11	Sudden ecological or geological events						
4.11.2		Earthquake					
4.11.5	Erosion and siltation/Deposition	Outside, inside	Conservation	Visual	2 times per year	State Park	Harms the structure
4.13	Management and institutional factors						
4.13.8		High impact research/monitoring activities					

Question not completed

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	No actions has been made	Do not have timeframe	State historical and cultural park "Ancient Merv"	No comment
5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	No actions has been made	Do not have timeframe	State historical and cultural park "Ancient Merv"	No comment

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	Improving tourism	Each year	State historical and cultural park "Ancient Merv"	Listed to annual plan of Ministry of culture
6.1.7	Human resources partly meet the management needs of the World Heritage property	Using human resources relevantly	Every quarter	State historical and cultural park "Ancient Merv"	Human recourse managed depending on needs of State park.
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	Improving infrastructure for visitors	Regularly	State historical and cultural park "Ancient Merv"	Improve informational archive, instal information boards for each monuments etc.
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	Protection implemented by local and technical work such as conservation is carried out by external staff	Seasonal	State historical and cultural park "Ancient Merv"	External staff hired seasonally according to annual work plan

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 **maintained**.

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

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

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

Implement preventive conservation every year during season

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

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

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

Expirence in conservation of mud brick properties of Merv oasis in cooperation with CRA Terre

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

Sustainable Development
State of Conservation
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 <i>World Heritage Convention</i>
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value
Monitoring and reporting

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

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

15.2. Use of Data

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

Update of management plans

Awareness raising

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

15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

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

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

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

Yes

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

144 / 72 / 24 /

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

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

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

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

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

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

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

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

- **Geographic information table**

Reason for update: Some property need updates. For example: some property missing coordinates and hectares (ha) including hectares of buffer zone

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

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

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

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