Historic and Architectural Complex of the Kazan Kremlin

1. World Heritage Property Data

1.1 - Name of World Heritage property
Historic and Architectural Complex of the Kazan Kremlin

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Historic and Architectural Complex of the Kazan Kremlin	55.791 / 49.095	13.45	115	128.45	2000
Total (ha)		**13.45**	**115**	**128.45**	

1.4 - Map(s)

Title	Date	Link to source
Site Map - Historic and Architectural Complex of the Kazan Kremlin	2000	

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

1. Kazan Kremlin (in russian)

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

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?
Not applicable

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?
Not applicable

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?
Not applicable

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?
Not applicable

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 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

Built on a site inhabited since very ancient times, the Kazan Kremlin dates back to the Islamic period in the history of Volga Bulgaria, the Golden Horde and the Kazan Khanate. In the 10th-13th centuries, Kazan was a pre-Mongol Bulgar city with fortified trading settlement, surrounded by moats, ramparts and stockade. In the 12th century, a white stone fortress was constructed, and the city became an outpost on the northern border of Volga Bulgaria. In the 13th-16th centuries, the city developed in the framework of the Golden Horde and Kazan Khanate. In the first half of the 15th century, it became a capital of the state and an active political, military, administrative, commercial and cultural centre. It was conquered in 1552 by Ivan the Terrible and became the Christian See of the Volga Land and the East. The Kremlin, which in many respects kept the planning of an ancient Tatar fortress and which became an important centre of pilgrimage, consists of an outstanding group of historic buildings dating from the 16th to the 19th centuries, integrating remains of earlier structures of the 10th to the 16th centuries.

At present, the Kremlin includes several historical, architectural, and archaeological complexes, including: the fortifications, the Governor's Palace and Syuyumbeki's Tower, the Annunciation Cathedral, the Public Offices, the Saviour-Transfiguration Monastery, the Cadets' School, and the Cannon Foundry. The archaeological layers range from 3 m to 8 m in depth.

The citadel is an exceptional testimony of historical continuity and cultural diversity. Apart from its remarkable aesthetic qualities, the site has retained traces of its foundations in the 10th century, as well as from the Khanate period (15th to 16th centuries). The Kazan Kremlin is the last extant Tatar fortress with traces of its original town-planning conception in Russia. This historical citadel is a result from the interaction of various cultures - Bulgar, Golden Horde, medieval Kazan-Tatar, Italian, Russian, and modern Tatar. It is the northwestern limit of the spread of Islam, and the southern extremity of the Pskov-Novgorod style. The unique synthesis of Tatar and Russian architectural styles is reflected in its key monuments (Syuyumbeki's Tower, the Annunciation Cathedral, and the Saviour Tower). The ensemble is inseparable from its surroundings and the entire city, where the historic quarters form the buffer zone. The new mosque that was built within the complex can be understood as a new construction in a historic context. However, it should be noted that the construction reunites the ensemble of the Kremlin, enriches the architecture of the city and symbolizes the peaceful coexistence of different cultures, Islam and Christianity, which makes the mosque an exceptional monument.

Criterion (ii): The Kazan Kremlin complex represents exceptional testimony of historical continuity and cultural diversity over a long period of time, resulting in an important interchange of values generated by the different cultures.

Criterion (iii): The historic citadel represents an exceptional testimony of the Khanate period and is the only surviving Tartar fortress with traces of the original town-planning conception.

Criterion (iv): The Kazan Kremlin and its key monuments represent an outstanding example of a synthesis of Tatar and Russian influences in architecture, integrating different cultures (Bulgar, the Golden Horde, Tatar, Italian, and Russian), as well as showing the impact of Islam and Christianity.

Integrity

The integrity of the complex is assured by the approved boundaries of the property, which includes all its attributes, and the buffer zone. It is an integrated complex enjoying its documentarily and archeologically proved centuries-old history, its urban fabric, centuries of continuity of functional planning development and the natural landscape.

The urban fabric of the Kazan Kremlin has formed the basis of the continuous development of the central part of Kazan city where the citadel is the centerpiece of

composition. The unique integrity of the Kremlin is proved by a number of attributes within the property allowing the tracing of the process and results of its development.

The essential visual links between the property and the water landscape could be at risk from inappropriate development around the Kremlin. New construction within the property could damage its integrity and should be wholly exceptional.

Authenticity

Kazan Kremlin dates back to the 10th century, and its authenticity has been attested by a number of historical chronicles and historical writings (the Nikon Chronicle, the Rogozhsky Chronicler, the Novgorod chronicles, Story of the Tsardom of Kazan, Prince Kurbsky's Legendry about the Conquest of Kazan), abundant archaeological material, documents, and archival records, as well as by the urban structure itself. The original urban layout of the Kazan Kremlin has remained essentially unchanged from Bulgar times, and has provided the basis for the continuous development of the town in all subsequent periods. In all their stylistic variety, the architectural monuments are perceived as an ensemble, and the Kremlin has remained a major compositional point of the city of Kazan.

In its history, the Kremlin area has gone through many changes, involving demolition and reconstruction. Some of the losses in the Stalinist period are regrettable and have subsequently required important interventions in terms of restoration and reconstruction. However, such changes can now be considered as part of its historical layers. In recent decades, there have been a large number of restorations in the different parts of the complex. The documentary evidence of the restoration has been preserved.

A special case in the Kremlin complex is the mosque of Koul Charif. There is no exact information about the original mosque, destroyed when the city was captured by Ivan the Terrible in 1552. The mosque can therefore be seen as a new building. The project for construction of a mosque was chosen at the architectural competition founded by the government. The approved project adheres to traditional vision of the spatial concept and decor; however, modern materials and structural systems are applied. This impressive construction can be seen as a sign of the continuity of a spiritual dialogue and balance between different cultures.

Protection and management requirements

Legislative and institutional frameworks for effective conservation and management support of the Outstanding Universal Value of the Historic and Architectural Complex of the Kazan Kremlin have been established by laws and regulations of the Russian Federation and the Republic of Tatarstan.

The status of a national listed monument under state protection has allowed conservation of all the architectural items and archeological cultural layers in good condition.

The site is managed and functions in accordance with the concept of museumification and development of the State Historical, Architectural and Art Museum-Preserve Kazan Kremlin of 2006-2020.

The key management issues include study, conservation and scientific restoration of the monuments, the museum affairs institution and the creation of new museums, as well as organization of the heavy flow of visitors and excursions for them in order to preserve all the characteristics intact.

In order to achieve statutory goals, to accumulate extra budgetary resources and to use them for conservation and development of the Complex there has been established the Guardian Council of the Museum-Reserve of Kazan Kremlin.

A long-term strategy defines the means of protection and management focused on the prevention of serious threats to the property, on the reduction of vulnerability and negative changes of the authenticity and integrity of the complex. These include an effective integrated legal system of management and cooperation of stakeholders, including municipal, republican, federal, non-governmental and religious organizations, funds, academic and educational institutions and the local population; resources management, an innovative combination of conservation, restoration, museumification and sustainable development of the complex territory and establishing of an integrated system of a new type of museums united by a common idea; creation of educational programs, a rapid introduction of cultural, scientific and pilgrimage tourism, as well as the combination of traditional and innovative methods of conservation and promotion of the Outstanding Universal Value of the Kazan Kremlin.

For the preservation of visual connections between monuments and a seascape, the assessment of potential influence of any new projects on the Outstanding Universal Value of the property is made.

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	Fortifications (City walls and Towers)	✖			
3.2.2	Religious architectural monuments as Examples of peaceful coexistence of different cultures (the Annunciation Cathedral, Qul Sharif Mosque)	✖			
3.2.3	The archeological layers (X-XX centuries)	✖			
3.2.4	Monuments of Civil architecture (former Public Offices, Cadets School)	✖			
3.2.5	Town-planning characteristics	✖			
3.2.6	Center of regional administration from XV century	✖			
3.2.7	Synthesis of Tatar and Russian influences in architecture (Syuyumbeki's Tower, the Annunciation Cathedral, and the Saviour Tower).	✖			
3.2.8	Visual links between Kremlin complex and the water landscape	✖			
3.2.9	Skyline of the city – architectural dominants (Savior Tower, Suyumbike Tower)	✖			
3.2.10	Palaces of the City (Governors Palace)	✖			
3.2.11	Cultural heritage objects of federal, regional and municipal significance	✖			
3.2.12	Integrated legal system of management and cooperation of stakeholders, including municipal, republican, federal, non-governmental and religious organizations, funds, academic and educational institutions and the local communities.	✖			
3.2.13	Remains of Tatar fortress (Ruins of Khans Palace, Khans' mausoleum, Khans' mosque, madrasah -mosque of Qul Sharif, walls)				
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 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.1.2 - Commercial development

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.1.3 - Industrial areas

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (30/07/2014):
- Relevant, Positive, Current, 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 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant							Not relevant

	Impact		Origin		Trend of impact		
Impact	🚩 Current	🚩 Potential	⊙ Inside	⇗ Outside	↘ Decreasing	⇒ Stable	↗ Increasing
⊕ Positive ✖	✖	✖	✖	✖			↗
⊖ Negative							

4.1.6 - 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 (30/07/2014):
- Relevant, Positive, Potential, Outside

✖ Relevant							Not relevant

	Impact		Origin		Trend of impact		
Impact	🚩 Current	🚩 Potential	⊙ Inside	⇗ Outside	↘ Decreasing	⇒ Stable	↗ Increasing
⊕ Positive ✖		✖		✖		⇒	
⊖ Negative							

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (30/07/2014):
- Not relevant

✖ Relevant							Not relevant

	Impact		Origin		Trend of impact		
Impact	🚩 Current	🚩 Potential	⊙ Inside	⇗ Outside	↘ Decreasing	⇒ Stable	↗ Increasing
⊕ Positive ✖	✖			✖		⇒	
⊖ Negative							

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (30/07/2014):
- Not relevant

✖ Relevant							Not relevant

	Impact		Origin		Trend of impact		
Impact	🚩 Current	🚩 Potential	◉ Inside	⟲ Outside	↘ Decreasing	⇒ Stable	↗ Increasing
⊕ Positive ✖	✖	✖		✖		→	
⊖ Negative							

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

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 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.3.4 - Localised utilities

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.3.5 - Major linear utilities

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

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

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.4.2 - Ground water pollution

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.4.3 - Surface water pollution

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.4.4 - Air pollution

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.4.5 - Solid waste

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

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

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

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

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

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

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (30/07/2014):
- Not relevant

✖ 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 (30/07/2014):
- Not relevant

✖ 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 (30/07/2014):
- Not relevant

✖ 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 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (30/07/2014):
- Not relevant

✖ 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 (30/07/2014):
- Relevant, Negative, Current, Potential, Outside

✖ 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 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.7.8 - Micro-organisms
Previous answer Cycle 2 (30/07/2014):
- Relevant, Negative, Current, Potential, Outside

✖ Relevant		Not relevant	

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
⊕ Positive							
⊖ Negative ✖	✖	✖		✖		→	

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

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses
Previous answer Cycle 2 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside

✖ 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 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant		Not relevant	

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
⊕ Positive ✖	✖	✖		✖			↗
⊖ Negative							

4.8.3 - Indigenous hunting, gathering and collecting
Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system
Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.8.5 - Identity, social cohesion, changes in local population and community
Previous answer Cycle 2 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant		Not relevant	

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

	Impact		Origin		Trend of impact		
					→		
⊕ Positive ✖	✖	✖	✖	✖		→	
⊖ Negative							

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (30/07/2014):

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

✖ Relevant			Not relevant				
	Impact		**Origin**		**Trend of impact**		
Impact	**⚑ Current**	**⚑ Potential**	**◉ Inside**	**⌖ Outside**	**↘ Decreasing**	**➡ Stable**	**✎ Increasing**
⊕ Positive ✖	✖	✖	✖	✖			✎
⊖ Negative							

4.8.7 - 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 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.9.3 - Military training

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.9.4 - War

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.9.5 - Terrorism

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.9.6 - Civil unrest

Previous answer Cycle 2 (30/07/2014):

- 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 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.2 - Flooding

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.3 - Drought

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.4 - Desertification

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (30/07/2014):

- 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 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (30/07/2014):

- Relevant, Negative, Potential, Outside

✖ Relevant					Not relevant		

	Impact		Origin		Trend of impact		
Impact	🏳 **Current**	🏳 **Potential**	⊙ **Inside**	☁ **Outside**	↘ **Decreasing**	➡ **Stable**	✎ **Increasing**
⊕ Positive							
⊖ Negative ✖	✖	✖	✖	✖		→	

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (30/07/2014):

- Not relevant

Relevant	✖ Not relevant

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (30/07/2014):
- Not relevant

Relevant	✖ Not relevant

4.12.6 - Modified genetic material

Previous answer Cycle 2 (30/07/2014):
- 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 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant			Not relevant			
	Impact		**Origin**		**Trend of impact**	
Impact	🔺 **Current**	🔺 **Potential**	⊙ **Inside**	↩ **Outside**	↘ **Decreasing**	➡ **Stable**	↗ **Increasing**
⊕ Positive ✖	✖	✖	✖	✖		➡	
⊖ Negative							

4.13.5 - Financial resources

✖ Relevant			Not relevant			
	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 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant				Not relevant			
	Impact		**Origin**		**Trend of impact**		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
🟢 Positive ✖	✖	✖	✖	✖		→	
🔴 Negative							

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (30/07/2014):
- Relevant, Positive, Current, Potential, Inside, Outside

✖ Relevant				Not relevant			
	Impact		**Origin**		**Trend of impact**		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
🟢 Positive ✖	✖	✖	✖	✖		→	
🔴 Negative							

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

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.4 Major visitor accommodation and associated infrastructure	🟢	🚩	🚩		🌐	↗
4.1.5 Interpretative and visitation facilities	🟢	🚩	🚩	◉	🌐	↗
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure	🟢		🚩		🌐	→
4.2.2 Underground transport infrastructure	🟢	🚩			🌐	→
4.2.3 Air transport infrastructure	🟢	🚩	🚩		🌐	→
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)						
	🔴	🚩	🚩		🌐	→
4.7.8 Micro-organisms						
	🔴	🚩	🚩		🌐	→
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses	🟢	🚩	🚩	◉	🌐	↗
4.8.2 Society's valuing of heritage	🟢	🚩	🚩		🌐	↗

Name	Impact			Origin		Trend
4.8.5 Identity, social cohesion, changes in local population and community	Positive	Current	Potential	Inside	Outside	→
4.8.6 Impacts of tourism/Visitation/Recreation	Positive	Current	Potential	Inside	Outside	↗
4.11 Sudden ecological or geological events						
4.11.6 Fire (wildfire)	Negative	Current	Potential	Inside	Outside	→
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	Positive		Potential	Inside	Outside	↗
4.13.2 Legal framework	Positive	Current	Potential		Outside	→
4.13.3 Governance	Positive	Current	Potential	Inside	Outside	→
4.13.4 Management activities	Positive	Current	Potential	Inside	Outside	→
4.13.5 Financial resources	Positive	Current	Potential	Inside	Outside	→
4.13.6 Human resources	Positive	Current	Potential	Inside	Outside	↗
4.13.7 Low impact research/monitoring activities	Positive	Current	Potential	Inside	Outside	→
4.13.8 High impact research/monitoring activities	Positive	Current	Potential	Inside	Outside	→

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
4.1.4 Major visitor accommodation and associated infrastructure	Positive	Current	Potential		Outside	↗

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

	Decreasing							
	Static							
✖	Increasing							

Name		Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities		⊕	🚩	🚩	⊙	🖗	↗

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
✖	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

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 - Occurence of the impact

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

Impact - Impact on the attributes

✖	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

	High capacity
✖	Medium capacity

	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name	Impact			Origin		Trend
4.2.2 Underground transport infrastructure	🟢	🚩			🔄	➡

Spatial scale - Area affected by the factor

	Restricted
✖	Localised
	Extensive
	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
✖	Minor
	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name	Impact			Origin		Trend
4.2.3 Air transport infrastructure	🟢	🚩	🚩		🔄	➡

Spatial scale - Area affected by the factor

	Restricted
✖	Localised
	Extensive
	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

✖	Insignificant
	Minor
	Significant
	Major

Management response - Capacity of management to respond

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

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

4.7 Local conditions affecting physical fabric

Name		Impact			Origin		Trend
4.7.1 Wind							
		⊖	📢			🍃	➡

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

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

Impact - Impact on the attributes	
✖	Insignificant
	Minor
	Significant
	Major

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

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

Name		Impact			Origin		Trend
4.7.2 Relative humidity							
		⊖	📢			🍃	➡

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

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

Impact - Impact on the attributes	
✖	Insignificant

	Minor
	Significant
✖	Major

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

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

Name	Impact			Origin		Trend
4.7.3 Temperature	🟢	🚩			🌿	→
	🔴	🚩			🌿	→

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

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

Impact - Impact on the attributes	
✖	Insignificant
	Minor
	Significant
	Major

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

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

Name	Impact			Origin		Trend
4.7.5 Dust						
	🔴	🚩			🌿	→

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

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

Impact - Impact on the attributes	
✖	Insignificant
	Minor
	Significant
✖	Major

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

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

Name	Impact			Origin		Trend
4.7.6 Water (rain/water table)						
	⊖	⚑	⚑		🍃	➡

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

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

Impact - Impact on the attributes	
	Insignificant
✖	Minor
	Significant
	Major

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

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

Name	Impact			Origin		Trend
4.7.8 Micro-organisms						
	⊖	⚑	⚑		🍃	➡

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

Temporal scale - Occurence of the impact	
	One off or rare
✖	Intermittent or sporadic

	Frequent
	On-going

Impact - Impact on the attributes

	Insignificant
✖	Minor
	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

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 - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
✖	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name	Impact			Origin		Trend
4.8.2 Society's valuing of heritage	⊕	⚑	⚑		☞	↗

Spatial scale - Area affected by the factor

	Restricted
	Localised
✖	Extensive
	Widespread

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

Impact - Impact on the attributes	
	Insignificant
	Minor
✖	Significant
	Major

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

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

Name	Impact			Origin		Trend
4.8.5 Identity, social cohesion, changes in local population and community	⊕	🚩	🚩	◉	☞	→

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✖	Major

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

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

Name	Impact			Origin		Trend
4.8.6 Impacts of tourism/Visitation/Recreation	⊕	🚩	🚩	◉	☞	↗

Spatial scale - Area affected by the factor	
	Restricted
	Localised

	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
✖	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
	Static
✖	Increasing

4.11 Sudden ecological or geological events

Name	Impact			Origin		Trend
4.11.6 Fire (wildfire)						
	⊖	🚩	🚩	◉	🍃	➡

Spatial scale - Area affected by the factor

	Restricted
✖	Localised
	Extensive
	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
✖	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

4.13 Management and institutional factors

Name	Impact	Origin	Trend

4.13.1 Management system/Management plan						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✖	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
	Static
✖	Increasing

Name	Impact			Origin		Trend
4.13.2 Legal framework						

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✖	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name	Impact			Origin		Trend
4.13.3 Governance	⊕	🚩	🚩	⊙	☝	➡

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

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

Impact - Impact on the attributes	
	Insignificant
✖	Minor
	Significant
	Major

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

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

Name	Impact			Origin		Trend
4.13.4 Management activities	⊕	🚩	🚩	⊙	☝	➡

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

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

Impact - Impact on the attributes	
	Insignificant
	Minor
✖	Significant
	Major

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

Trend - Developement over the last 6 years	
	Decreasing

✖	Static
	Increasing

Name	Impact			Origin		Trend
4.13.5 Financial resources	⊕	🚩	🚩	⊙	☞	➡

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✖	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name	Impact			Origin		Trend
4.13.6 Human resources	⊕	🚩	🚩	⊙	☞	↗

Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✖	Widespread

Temporal scale - Occurence of the impact

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

Impact - Impact on the attributes

	Insignificant
	Minor
✖	Significant
	Major

Management response - Capacity of management to respond

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

Trend - Developement over the last 6 years

	Decreasing
✖	Static
	Increasing

Name		Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities		⊕	🚩	🚩	⊙	☞	➡

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

Name		Impact			Origin		Trend
4.13.8 High impact research/monitoring activities		⊕	🚩	🚩	⊙	☞	➡

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

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

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	Fortifications (City walls and Towers)	✖			
4.18.1.2	Religious architectural monuments as Examples of peaceful coexistence of different cultures (the Annunciation Cathedral, Qul Sharif Mosque)	✖			
4.18.1.3	The archeological layers (X-XX centuries)	✖			
4.18.1.4	Monuments of Civil architecture (former Public Offices, Cadets School)	✖			
4.18.1.5	Town-planning characteristics	✖			

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).

The Kazan Kremlin complex is the property of the Republic of Tatarstan. It is protected by law as a historic and cultural monument, pursuant to the Council of Ministers' Decree of 1960. The protected zone and the maintenance are regulated by the Project for Protected Zones of the Historic and Cultural Monuments of the City of Kazan, confirmed by the Ministerial Decree of 1988. This protection is complemented by other decrees dating from 1994 and 1995. The complex includes the residence of the President of the Republic of Tatarstan, other government buildings, a museum reserve, workshops, religious buildings, offices, a cafeteria, and a post office.

Source: Advisory Body Evaluation

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

2020 / Order of the Ministry of Culture of the Russian Federation dated July 28, 2020 No. 845 / On the establishment of the boundaries of the zones of protection of the object of cultural heritage of federal significance / http://publication.pravo.gov.ru/Document/View/0001202008250034#:~:text=   %20   %20   %20   %20   ,2367%22%20(%2024.08.2020%20   %2059415)

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

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 provincial/regional 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.
Other forms of statutory or non-statutory plans (e.g. strategic plans)
Traditional ways of management recognised by local communities and other specific groups
Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property
Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
A management plan
An annual work plan or business plan
A joint approach to management of cultural and natural heritage

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

5.3.4 - Management Documents

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

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.
Civic engagement tools, Knowledge and planning tools , Financial tools

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 **only partially implemented**

5.3.14 - Is there an annual work/action plan and is it being implemented?
An annual work/action plan **exists and many of its activities are being implemented**

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

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

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

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				✖	
5.3.16.2	Local/Municipal authorities					✖
5.3.16.3	Indigenous peoples	✖				
5.3.16.4	Landowners		✖			
5.3.16.5	Women				✖	
5.3.16.6	Youth/Children				✖	
5.3.16.7	Researchers			✖		

5.3.16.8	Local Visitors/Tourists					�x
5.3.16.9	National/International tourists				�x	
5.3.16.10	Tourism Industry					�x
5.3.16.11	Local businesses and industries				�x	
5.3.16.12	NGOs			�x		
5.3.16.13	Other specific groups	�x				
	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			�x		
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)		�x			
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				�x	
5.3.17.4	The management system of the property integrates a human rights-based approach			�x		
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood					�x
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				�x	

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.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	0 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	81 %	81 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	2 %	2 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	17 %	17 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

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

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	36 %	36 %
6.1.6.2	Women	64 %	64 %
		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	Poor

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

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?
No use has been made of the World Heritage Strategy for Capacity Building

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

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?
A site-based capacity building plan or programme has been developed **but it is not implemented** and skills are not being transferred

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

7. Scientific Studies and Research Projects

7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?
Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?
There is **considerable research** but it is **not directed towards management needs and/or improving understanding of Outstanding Universal Value**

7.3 - Are results from research programmes publicly available and disseminated?
Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies

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

8. Education, Information and Awareness Building

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

Local communities	Fair
Local/municipal authorities	Good
Indigenous peoples	Not applicable
Landowners	Poor
Women	Poor
Youth/children	Poor
Researchers	Fair
Local visitors	Poor
National/international tourists	Good
Tourism industry	Good

Local businesses and industries	Poor
NGOs	Poor
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

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

There is **a 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?

Youth/children
Local Visitors
National/international tourists
Tourism industry

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

Visitor centre	Good
Site museum	Fair
Information booths	Fair
Guided tours	Good
Trails/routes	Fair
Printed information materials	Fair
Online (website, social media, etc.)	Fair
Transportation facilities	Fair
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

3729313 / 3029068 / 1829882 / 3112326 / 2298900 /

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

Visitor surveys

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

60 / 40 / 20 / 35 / 20 / 20 /

9.6 - Please provide the source of information

Visitor surveys

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, through the UNESCO Tourism Management Assessment Tool

If a different system, please specify

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

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

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

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

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

In **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 **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?
Yes

If 'Yes', please specify
local craftsmen market, festivals, national tourism cashbach programmes

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

If 'Yes', please specify
jobs are created for locals

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

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?
There is **considerable monitoring** but it is not directed towards management needs and/or improving the understanding of Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?
Information on the values of the World Heritage property is **adequate and key indicators have been defined but monitoring of the status of indicators could be improved**

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

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

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

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

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

10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?
No relevant Committee recommendations to implement

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

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.3	Management System/Management Plan	
5.3.5	**Some use** has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	**No use** has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	✖
5.3.9	**No use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.13	The management system at the property is **only being partially implemented**	
5.3.17	• **In a limited manner**, the management system of the World Heritage property does **contribute to gender equality** • The management system of the World Heritage property **does not provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)** • **In a limited manner**, the management system of the World Heritage property does **integrate a human rights-based approach**	✖
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	**No use** has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	✕
6.1.12	**A site-based** capacity building plan or programme has been developed **but it is not implemented** and skills are not being transferred	
7	**Scientific Studies and Research Projects**	
7.2	There is **considerable research** in the World Heritage property but it is **not directed towards management needs and/or improving understanding of Outstanding Universal Value**	✕
7.3	Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies	✕
9	**Visitor Management**	
9.12	The presentation and interpretation of the Outstanding Universal Value of the property **is acceptable but improvements could be made**	✕
10	**Monitoring**	
10.1	There is **considerable monitoring** at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	✕
10.2	Information on the values of the World Heritage **property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved**	✕

Please select **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

4.7	Local conditions affecting physical fabric					
4.7.1	Wind	Criterion (iii); 3.2.1 Fortifications (City walls and Towers)	We impregnate the damaged masonry with strengthening compounds. Wall painting.	Daily inspection, entries in the observation log, are recorded in the defective statement.	on a regular basis	Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt"	There is weathering of the brickwork. Stormy winds can hide metal roofing from time to time.
4.7.2	Relative humidity	Criterion (iii); 3.2.1 Fortifications (City walls and Towers), 3.2.3 The archeological layers (X-XX centuries), 3.2.13 Remains of Tatar fortress (Ruins of Khans Palace, Khans' mausoleum, Khans' mosque, madrasah -mosque of Qul Sharif, walls)	installing drainage and sewage systems.	daily monitoring of wall humidity, logging	on a regular basis	Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt"	destruction of the paint layer; roof leakages,
4.7.3	Temperature	Criterion (iii); 3.2.1 Fortifications (City walls and Towers), 3.2.3 The archeological layers (X-XX centuries)	Carrying out regular restoration work, replacing damaged fragments.	daily monitoring, logging	on a regular basis	Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt"	Repeated freezing and freezing in spring and autumn leads to the destruction of stone, brick, paving stones, stone and other building structures. This is typical for our area.
4.7.5	Dust	Criterion (iii); 3.2.11 Cultural heritage objects of federal, regional and municipal significance	Dust-covered surfaces are cleaned and painted regularly (at least once every 3 years).	Regular inspection of the condition of surfaces and filling the results in a journal.	on a regular basis	Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt"	Dust affects the appearance.
4.7.6	Water (rain/water table)	Criterion (ii); Criterion (iv); 3.2.1 Fortifications (City walls and Towers), 3.2.3 The archeological layers (X-XX centuries), 3.2.11 Cultural heritage objects of federal, regional and municipal significance	Atmospheric precipitation: the integrity of roofs and storm sewer systems is being monitored, repairs are being made in a timely manner. Ground water: storm sewerage is being drained, vertical and cut-off waterproofing is being carried out.	Monitoring of wall humidity, destruction of the paint layer; roof leakages, drainage and sewage systems.	on a regular basis	Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt"	Precipitation damages divided parts of the Kremlin wall that are not covered by thin planks, in particular during frosts and snow melting. Icicles on the eaves endanger visitors' safety.
4.7.8	Micro-organisms	Criterion (ii); Criterion (iv); 3.2.1 Fortifications (City walls and Towers), 3.2.3 The archeological layers (X-XX centuries), 3.2.11 Cultural heritage objects of federal, regional and municipal significance	Lagging on the Kremlin rooftops. During restoration works apply various hydro-proofing (vertical, horizontal and isolation) for different sites and ensure water proofing of the rooftops.	Regular monitoring of contamination of the buildings and constructions by fungi, mould and microorganisms, journal entry.	On regular basis	Government Investment and Construction Authority, other licensed restoration organizations, Museum-Reserve "Kazan Kremlin"	Fungi, mildew, algae cause the destruction of the stone and brick constructions. Sporules are unhealthy and harmful. Eliminate impact of atmospheric precipitation and capillary absorption with the hydroproofing measures.
4.11	Sudden ecological or geological events						✕

| 4.11.6 | Fire (wildfire) | Criterion (ii); Criterion (iii); Criterion (iv); 3.2.1 Fortifications (City walls and Towers), 3.2.3 The archeological layers (X-XX centuries), 3.2.11 Cultural heritage objects of federal, regional and municipal significance | On the territory of the Kremlin there is a fire station for quick response to sources of fire. At the first danger, 2 fire engines are available. Each building has employees responsible for fire safety. Trainings are held regularly. | Fire protection systems have been installed in all buildings. Functionality is checked regularly. All buildings are provided with fire extinguishers. Their correctness is checked regularly. | on a regular basis | Museum-Reserve "Kazan Kremlin", Main Investment and Construction Department of the Republic of Tatarstan, Design Institute "Tatinvestgrazhdanproekt" | None |

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.3	Management System/Management Plan				
		Actions	**Timeframe**	**Lead agency (and others involved)**	**More info / comment**
5.3.7	**No use** has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	The Museum-Reserve requests information from the Department of Hydrometeorology and Environmental Monitoring of the Republic of Tatarstan on climate change (temperature, precipitation) and takes it into account in conservation measures. Warming is r	constantly	Department of Hydrometeorology and Environmental Monitoring of the Republic of Tatarstan	None
5.3.17	• **In a limited manner**, the management system of the World Heritage property does **contribute to gender equality** • The management system of the World Heritage property **does not provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)** • **In a limited manner**, the management system of the World Heritage property does **integrate a human rights-based approach**	In catering establishments on the territory of the Museum-Reserve, visitors have the opportunity to get drinking water, environmentally friendly food.	constantly	Federal Service for Supervision of Consumer Rights Protection and Human Welfare	None

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	Seek extrabudgetary funding (including grants), attract sponsors and patrons, develop partnerships with local organizations	constantly	NGO, sponsors, etc	None
6.1.7	Human resources **partly meet** the management needs of the World Heritage property	The Museum-Reserve "Kazan Kremlin" cooperates with scientific and educational institutions in training personnel related to museum activities, protection of cultural heritage, and restoration. Attracts graduates to work.	constantly	Kazan Federal University, Kazan State University of Architecture and Civil Engineering	None
6.1.10	**No use** has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	Tourism infrastructure has been improved (information, food, accounting, etc.), scientific conferences are being held, and the balance of cultures and confessions is being promoted.	constantly	Together with the local communities, with religious organizations, with the ministries of education and culture of the Republic of Tatarstan, with specialized organizations for the protection of cultural heritage sites	None

7	Scientific Studies and Research Projects				
7.2	There is **considerable research** in the World Heritage property but it is **not directed towards management needs and/or improving understanding of Outstanding Universal Value**	there is a need to study best practices and special studies aimed at management needs and a better understanding of the outstanding universal value of the monument in close cooperation between the scientific community and staff of the museum-reserve	constantly	Academy of Sciences of Tatarstan and Russia, organizations managing world heritage sites,	None

7.3	Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies	Hold more scientific conferences, publish results, act more actively through professional and public organizations	constantly	National commitees of ICOM, ICOMOS, All-Russian Society for the Protection of Monuments	None
9	**Visitor Management**				
9.12	The presentation and interpretation of the Outstanding Universal Value of the property **is acceptable but improvements could be made**	It is necessary to develop the presentation and interpretation of the Outstanding Universal Value of the monument on the Internet, since today it is poorly represented in the Russian-speaking, and practically not represented in the English-speaking	constantly	Media, bloggers, influencers, local communities	None
10	**Monitoring**				
10.1	There is **considerable monitoring** at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	Monitoring at a World Heritage property should keep the focus on meeting management needs and/or improving understanding of the Outstanding Universal Value.	constantly	state investment and construction department, design organization, cabinet of ministers of the republic of tatarstan	None
10.2	Information on the values of the World Heritage **property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved**	To improve the monitoring of the status of indicators, it is necessary to introduce new research methods based on the latest scientific developments.	constantly	With the scientific community, with local communities, with specialized organizations	None

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.

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	Positive
Recognition	Very positive
Education	Very positive
Infrastructure development	Very positive
Funding for the property	Very positive
International cooperation	Positive
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Positive
Security	Very positive
Gender equality	Positive
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	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

1. Involving local people in site management, 2. From Industrial heritage to creative industries 3. Innovative small-scale tourism 4. Focus on inhabitants that leads to Sustainability

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

Sustainable Development
State of Conservation

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

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

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

State Party	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?

Fundraising
Awareness raising
Advocacy

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

15.3. Timing and resources

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

Staff from other World Heritage properties
Local communities
ICOMOS International
ICOMOS national/regional
External experts

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

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

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

Yes

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

16 / 12 / 20 /

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

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

15.4. Format and content of the Periodic Report

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

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

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

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

15.5. Training and Guidance

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

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

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

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

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

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

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

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

No item were proposed for update

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

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

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