# Sun Temple, Konârak

1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Sun Temple, Konârak

# 1.2 - World Heritage property details

# 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Sun Temple, Konârak	19.888 / 86.095	10.62	0	10.62	1984
Total (ha)		10.62	0	10.62	

# 1.4 - Map(s)

Title	Date	Link to source
Detailed site plan of Sun Temple at Konarak, Dist. Purl., Orissa. Showing the demarcated area	1984	

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

1. Official Website of Ministry of Tourism

### Comment

- 1. Latest photographs required to be updated. please visit https://asi.nic.in/konarak-sun-temple/ 2. Official Website of Ministry of Tourism https://tourism.gov.in/required to be updated.
- 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) 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?

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?

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

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

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

Not aware

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

Not applicable

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.

Not applicable

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

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# Statement of Outstanding Universal Value

### **Brief synthesis**

The Sun Temple at Konârak, located on the eastern shores of the Indian subcontinent, is one of the outstanding examples of temple architecture and art as revealed in its conception, scale and proportion, and in the sublime narrative strength of its sculptural embellishment. It is an outstanding testimony to the 13th-century kingdom of Orissa and a monumental example of the personification of divinity, thus forming an invaluable link in the history of the diffusion of the cult of Surya, the Sun God. In this sense, it is directly and materially linked to Brahmanism and tantricbelief systems. The Sun Temple is the culmination of Kalingan temple architecture, with all its defining elements in complete and perfect form. A masterpiece of creative genius in both conception and realisation, the temple represents a chariot of the Sun God, with twelve pairs of wheels drawn by seven horses evoking its movement across the heavens. It is embellished with sophisticated and refined iconographical depictions of contemporary life and activities. On the north and south sides are 24 carved wheels, each about 3 m in diameter, as well as symbolic motifs referring to the cycle of the seasons and the months. These complete the illusionary structure of the temple-chariot. Between the wheels, the plinth of the temple is entirely decorated with reliefs of fantastic lions, musicians and dancers, and erotic groups. Like many Indian temples, the Sun Temple comprises several distinct and well-organized spatial units. The vimana (principal sanctuary) was surmounted by a high tower with a shikhara (crowning cap), which was razed in the 19th century. To the east, the jahamogana (audience hall) dominates the ruins with its pyramidal mass. Farther to the east, the natmandir (dance hall), today unroofed, rises on a high platform. Various subsidiary structures are still to be found within the enclosed area of the rectangular wall, which is punctuated by gates and towers. The Sun Temple is an exceptional testimony, in physical form, to the 13th-century Hindu Kingdom of Orissa, under the reign of Narasimha Deva I (AD 1238-1264). Its scale, refinement and conception represent the strength and stability of the Ganga Empire as well as the value systems of the historic milieu. Its aesthetical and visually overwhelming sculptural narratives are today an invaluable window into the religious, political, social and secular life of the people of that period. The Sun Templeis directly associated with the idea and belief of the personification of the Sun God, which is adumbrated in the Vedas and classical texts. The Sun is personified as a divine being with a history, ancestry, family, wives and progeny, and as such, plays a very prominent role in the myths and legends of creation. Furthermore, it is associated with all the legends of its own artistic creation - the most evocative being its construction over twelve years using 1,200 artisans - and the stories about the deep commitment of its master builder, Bisu Moharana, to the project, in which his son (who was born during this period) later became involved. Konârak's location and name are important testimonies to all the above associations, and its architectural realisation is associated with the living traditions of Brahmanismand tantricpractices.

Criterion (i): A unique artistic achievement, the temple has raised up those lovely legends which are affiliated everywhere with absolute works of art: its construction caused the mobilization of 1,200 workers for 12 years. The architect, Bisu Moharana, having left his birthplace to devote himself to his work, became the father of a son while he was away. This son, in his turn, became part of the workshop and after having constructed the cupola of the temple, which his father was unable to complete, immolated himself by jumping into space.

Criterion (iii): Konârak is an outstanding testimony to the 13th-century kingdom of Orissa.

Criterion (vi): Directly and materially linked to the Brahman beliefs, Konârak is the invaluable link in the history of the diffusion of the cult of Surya, which originating in Kashmir during the 8th century, finally reached the shores of Eastern India.

### Integrity

The boundaries of the nominated property encompass the attributes necessary to represent the Outstanding Universal Value of the Sun Temple, Konârak. Within the inscribed and protected extent of the property, its surviving structures and sculptures, as well as the dislodged remains preserved in-situ, represent its quintessential qualities of architectural form, design and sculptural relief. Furthermore, the protected zone includes all areas that have the potential to reveal any unexplored archaeological remains that may possibly enhance the understanding of the property's Outstanding Universal Value. Identified and potential threats to the integrity of the property include development pressure: modernisation and urban growth affecting the environment of the monument; environmental pressure: deforestation due to cyclones and human activities, saline breeze and sand blasting, vehicular movements, and microbiological growth; tourism pressure: 40% increase in number of tourists; natural disasters: flood and cyclones; and local population growth. An extension of the site boundaries and the buffer zone around the property by land acquisition has been recommended for the better management of the site. Concerns over the structural integrity of elements of the site have been raised in the past, including the impact of monsoon rains and associated soil erosion. In addition, erosion of metal cramps supporting the structure due to salt air has in the past resulted in some damage.

# Authenticity

The Sun Temple's authenticity of form and design is maintained in full through the surviving edifices, their placement within the complex, structures and the integral link of sculpture to architecture. The various attributes of the Sun Temple, including its structures, sculptures, ornamentation and narratives, are maintained in their original forms and material. Its setting and location are maintained in their original form, near the shore of the Bay of Bengal. In preserving the attributes as stated, the Sun Temple, Konârak repeatedly evokes the strong spirit and feeling associated with the structure, which is manifested today in the living cultural practices related to this property, such as the Chandrabhanga festival.

## Protection and management requirements

The Sun Temple, Konârak is protected under the National Framework of India by the Ancient Monuments and Archaeological Sites and Remains (AMASR) Act (1958) and its Rules (1959). Other relevant protective legislation includes the Forest Act, Konârak Development Act and notified Council Area Act. Under the AMASR Act, a zone 100 metres outside the property and a further zone 200 metres outside the property constitute, respectively, prohibited and regulated zones for development or other similar activity that may have adverse effects on the Outstanding Universal Value of the property. All conservation programmes are undertaken by the Archaeological Survey of India through its national, regional and local representatives. There are five management-related plans: safety, environment, master planning, environmental development and tourism. World Heritage funding was received to carry out an assessment of structural stability. Sustaining the Outstanding Universal Value of the property over time will require continuing the structural and material conservation of the main \*Jagamohana\* structure\* and its sculptures; establishing a stronger functional integration of local and central authorities; including the larger landscape setting into the regulated area for development; and addressing the identified threats related to development pressure, environmental pressure, tourism pressure, natural disasters, and local population growth.

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

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Culmination of Kalingan style of temple architecture	×			
3.2.2	Temple fashioned in the shape of a gigantic chariot	×			
3.2.3	The temple is an exceptional testimony in physical form	×			
3.2.4	Sculptural embellishment	×			
3.2.5	Architecture and art of the temple	×			

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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 (30/07/2011):

Not relevant

Relevant	X Not relevant

# 4.1.2 - Commercial development

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant
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# 4.1.3 - Industrial areas

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	✗ Not relevant

# 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant

# 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (30/07/2011):

• Relevant, Positive, Current, Outside

× Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	<b>Gurrent</b>	Potential	<ul><li>Inside</li></ul>	<b>G</b> Outside	<b>▶</b> Decreasing	⇒ Stable	Increasing
O Positive X	×		×	×		<b>→</b>	
Negative							

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

The property is well equipped with appropriate visitor facilities such as guided tours, signage and souvenir shops which contribute to an enriching tourism experience.

# 4.2. Transportation Infrastructure

# 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant	X Not relevant

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### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (30/07/2011):

Not relevant

× Not relevant

# 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant × Not relevant

# 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (30/07/2011):

Not 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

Not applicable

Relevant

### 4.3. Services Infrastructures

### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.3.4 - Localised utilities

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant X Not relevant

# 4.3.5 - Major linear utilities

Previous answer Cycle 2 (30/07/2011):

Not 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

Not applicable

# 4.4. Pollution

# 4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

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### 4.4.2 - Ground water pollution

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.4.3 - Surface water pollution

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.4.4 - Air pollution

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

### 4.4.5 - Solid waste

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant X Not relevant

### 4.4.6 - Input of excess energy

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X 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

The property is not effected by litter or hose hold garbage. Adequate number of dustbin has been provided and all collected bottles and garbage and disposed off far away from the monument regularly.

# 4.5. Biological resource use/modification

## 4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.5.2 - Aquaculture

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.5.3 - Land conversion

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant X Not relevant

# 4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.5.5 - Crop production

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (30/07/2011):

Not relevant

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Relevant × Not relevant 4.5.7 - Subsistence wild plant collection Previous answer Cycle 2 (30/07/2011): • Relevant, Positive, Potential, Outside Relevant × Not relevant 4.5.8 - Commercial hunting Previous answer Cycle 2 (30/07/2011): Not relevant Relevant × Not relevant 4.5.9 - Subsistence hunting Previous answer Cycle 2 (30/07/2011): Not relevant Relevant × Not relevant 4.5.10 - Forestry/Wood production Previous answer Cycle 2 (30/07/2011): • Relevant, Positive, Potential, Outside 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

Not applicable.

# 4.6. Physical resource extraction

### 4.6.1 - Mining

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.6.2 - Quarrying

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.6.3 - Oil and gas

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant × Not relevant

# 4.6.4 - Water (extraction)

Previous answer Cycle 2 (30/07/2011):

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 (30/07/2011):

• Relevant, Negative, Current, Outside

X Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>Outside</b>	<b>▶</b> Decreasing	→ Stable	Increasing
<ul><li>Positive</li></ul>							

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### 4.7.2 - Relative humidity

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Current, Outside

× Relevant			ı	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	<b>▶</b> Decreasing	→ Stable	Increasing
O Positive							
○ Negative X		×		×			1

### 4.7.3 - Temperature

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.7.4 - Radiation/Light

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

### 4.7.5 - Dust

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Current, Outside

Relevant X Not relevant

# 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Current, Inside

× Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>©</b> Outside	<b>▶</b> Decreasing	→ Stable	Increasing
O Positive							
Negative X		×	×		•		

# 4.7.7 - Pests

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

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

The Sun Temple, Konark located near the sea (Bay of Bengal), hence the saline wind, humidity is likely to effect the monument .

# 4.8. Social/Cultural uses of heritage

# 4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (30/07/2011):

• Relevant, Positive, Current, Outside

X Relevant			Not relevant	
	Impact	Origin		Trend of impact

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Impact	Current	Potential	<ul><li>Inside</li></ul>	<b>Outside</b>	<b>№</b> Decreasing	<b>⇒</b> Stable	Increasing
O Positive X	×			×		$\rightarrow$	
Negative							

# 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (30/07/2011):

• Relevant, Positive, Current, Outside

× Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	<b>Outside</b>	<b>№</b> Decreasing	→ Stable	Increasing
Positive	×		×	×			7
Negative							

# 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

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

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

Relevant X Not relevant

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

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	<b>Gurrent</b>	Potential	Inside	© Outside	<b>▶</b> Decreasing	<b>⇒</b> Stable	Increasing
Positive X	×		×				<i>P</i>
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

The Sun temple Konark is visited by large number of national and international tourists. To regulate the movement of visitors a proper brass railing has been provided all around the structure, along with landscaping along with landscape garden, benches and other facilities.

# 4.9. Other human activities

# 4.9.1 - Illegal activities

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

### 4.9.3 - Military training

Previous answer Cycle 2 (30/07/2011):

Not relevant

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Relevant X Not relevant

### 4.9.4 - War

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.9.5 - Terrorism

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.9.6 - Civil unrest

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X 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

Not applicable

# 4.10. Climate change and severe weather events

### 4.10.1 - Storms

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Current, Potential, Outside

✗ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	<b>▶</b> Decreasing	⇒ Stable	Increasing
Positive							
○ Negative X	×	×		×			P

# 4.10.2 - Flooding

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Current, Potential, Inside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	<ul><li>Inside</li></ul>	<b>G</b> Outside	<b>→</b> Decreasing	⇒ Stable	Increasing
O Positive							
○ Negative X		×		×			P

# 4.10.3 - Drought

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.10.4 - Desertification

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

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### 4.10.6 - Temperature change

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant
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### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X 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

As the monument is located in the coastal belt storms and floods are potential threats. However, no damage has been caused to the OUV or attributes of the property due to the same so far.

### 4.11. Sudden ecological or geological events

### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant

# 4.11.2 - Earthquake

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant
relevant	Not relevant

# 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (30/07/2011):

• Relevant, Negative, Potential, Outside

× Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>Outside</b>	<b>▶</b> Decreasing	⇒ Stable	Increasing
O Positive							
Negative X		×		×		$\rightarrow$	

### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	✗ Not relevant

# 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X Not relevant

### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant	X 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

The monument is situated near sea shore, thus, Tsunami is a potential threat. However, no damage has been recorded so far.

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

# 4.12.1 - Translocated species

Previous answer Cycle 2 (30/07/2011):

Not relevant

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Relevant X Not relevant

# 4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X Not relevant

# 4.12.6 - Modified genetic material

Previous answer Cycle 2 (30/07/2011):

Not relevant

Relevant X 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

Not applicable

# 4.13. Management and institutional factors

# 4.13.1 - Management system/Management plan

X Relevant				Not relevant			
	Impact	Impact		Origin		Trend of impact	
Impact	<b>G</b> Current	Potential	Inside	<b>Outside</b>	<b>▶</b> Decreasing	⇒ Stable	Increasing
<ul><li>Positive X</li></ul>	×		×	×		<b>→</b>	
Negative							

# 4.13.2 - Legal framework

X Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>Outside</b>	<b>→</b> Decreasing	<b>⇒</b> Stable	Increasing
O Positive X	×		×	×		<b>→</b>	
Negative							

### 4.13.3 - Governance

<b>X</b> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	© Outside	<b>▶</b> Decreasing	→ Stable	Increasing
Positive X	×		×	×		<b>→</b>	
Negative							

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# 4.13.4 - Management activities

Previous answer Cycle 2 (30/07/2011):

• Relevant, Positive, Potential, Inside, Outside

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>Outside</b>	<b>№</b> Decreasing	→ Stable	Increasing
Positive X	×	×	×	×			7
Negative							

# 4.13.5 - Financial resources

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	<b>Gurrent</b>	Potential	Inside	<b>Outside</b>	<b>→</b> Decreasing	→ Stable	Increasing
O Positive X	×		×				7
Negative							

# 4.13.6 - Human resources

<b>X</b> Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	<b>G</b> Current	Potential	Inside	© Outside	<b>▶</b> Decreasing	→ Stable	Increasing
Positive X	×	×	×			<b>→</b>	
Negative							

# 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (30/07/2011):

Not relevant

× Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	<b>Outside</b>	<b>№</b> Decreasing	<b>⇒</b> Stable	Increasing
○ Positive    ★	×		×	×		<b>→</b>	
Negative							

# 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (30/07/2011):

• Not relevant

Relevant X Not relevant

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

The monument is well managed by the Archaeological Survey of India. Adequate legal tools are in place to ensure that all management related requirements/issues are under check.

4.14. Other factor(s)

# 4.14.1 - Other factor(s)

Not applicable

# 4.15. Factors Summary Table

# 4.15.1 - Factors Summary Table

Name 4.1 Buildings and Development	Impact	:	Origin		Trend
4.1.5 Interpretative and visitation facilities	<b>O</b>	9	•	Œ	$\rightarrow$

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4.7 Local conditions	s affecting physical fabr	ric								
4.7.1 Wind										
							9		Œ	<b>→</b>
4.7.2 Relative humid	dity									
							9		<b>G</b>	1
4.7.6 Water (rain/wa	ater table)									
							q	•		<b>\</b>
4.8 Social/Cultural u	uses of heritage									
4.8.1 Ritual/Spiritua	al/Religious and associa	tive uses			•	q			<b>F</b>	<b>→</b>
4.8.2 Society's valu	ing of heritage				<b>O</b>	<b>A</b>		•	<b>₹</b>	,
, , , , , , , , , , , , , , , , , , , ,	3					•		3	3	
4 8 6 Impacts of tou	ırism/Visitation/Recreati	ion			•	<b>A</b>		•		7
4.0.0 impacts of tou	in silly visitation in techeati	on.				-1				*
4.40 Climata ahana	d									
	e and severe weather ev	rents								
4.10.1 Storms							-79			_
						9	9		<b>G</b>	
4.10.2 Flooding										
							9		<b>G</b>	
4.11 Sudden ecolog	gical or geological event	s								
4.11.3 Tsunami/Tida	al wave									
							9		<b>(</b>	<b>→</b>
4.13 Management a	and institutional factors									
4.13.1 Management	system/Management pl	an			<b>O</b>	9		•	<b>G</b>	$\rightarrow$
4.13.2 Legal framew	vork				•	9		•	<b>(</b>	$\rightarrow$
4.13.3 Governance					<b>O</b>	9		•	Œ	<b>→</b>
4.13.4 Management	activities				•	q	9	•	<b>(</b>	1
4.13.5 Financial res	ources				•	9		•		1
4.13.6 Human resou	urces				<b>O</b>	9	9	•		<b>→</b>
4.13.7 Low impact r	research/monitoring acti	ivities			<b>O</b>	9		•	Œ	<b>→</b>
Legend	Current	Potential	Negative	Positive	<ul><li>Ins</li></ul>	ide		Outsi	de	

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

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

# 4.1 Buildings and Development

Name		Impact		Origin		Trend
4.1.5 Interp	retative and visitation facilities	<b>O</b>	q	•	<b>G</b>	<b>→</b>
Spatial sca	le - Area affected by the factor					
	Restricted					
	Localised					
~	Extensive					
×						
	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					

# 4.7 Local conditions affecting physical fabric

Name		Impact		Origin		Trend
4.7.1 Wind						
			9		C	<b>→</b>
Snatial sca	le - Area affected by the factor					
Spatial Sca	le - Alea allecteu by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					

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Tammanal	and One was at the impact					
remporar	One off or rare					
×	Intermittent or sporadic					
^	Frequent					
	On-going					
	npact on the attributes					
×	Insignificant					
	Minor					
	Significant					
	Major					
Managem	ent response - Capacity of management to respond					
	High capacity					
×	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - De	evelopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name	the bounding	Impact		Origin		Trend
4.7.2 Rela	tive humidity		<i></i> 03		(CF	
			9		G	
Spatial sc	ale - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					
Temporal	scale - Occurence of the impact					
	One off or rare					
	One off or rare  Intermittent or sporadic					
×						
×	Intermittent or sporadic					
	Intermittent or sporadic Frequent					
	Intermittent or sporadic  Frequent  On-going					
Impact - Ir	Intermittent or sporadic  Frequent  On-going  mpact on the attributes					
Impact - Ir	Intermittent or sporadic  Frequent  On-going  mpact on the attributes  Insignificant					
Impact - Ir	Intermittent or sporadic  Frequent  On-going  npact on the attributes  Insignificant  Minor					
Impact - Ir	Intermittent or sporadic  Frequent  On-going  Inpact on the attributes  Insignificant  Minor  Significant					
Impact - Ir	Intermittent or sporadic  Frequent On-going  Insignificant Minor Significant Major					
Impact - Ir	Intermittent or sporadic  Frequent  On-going  mpact on the attributes  Insignificant  Minor  Significant  Major  ent response - Capacity of management to respond					
Impact - Ir	Intermittent or sporadic  Frequent On-going Inpact on the attributes Insignificant Minor Significant Major ent response - Capacity of management to respond High capacity					

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	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
	Decreasing
	Static
×	Increasing

Name 4.7.6 Water (rain/water table)  Spatial scale - Area affected by the factor  Restricted  Localised	Trend
Spatial scale - Area affected by the factor  Restricted	•
Spatial scale - Area affected by the factor  ** Restricted	•
★ Restricted	
★ 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	
X Insignificant	
Minor	
Significant	
Major	

# Management response - Capacity of management to respond

Medium capacity

High 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	•			<b>G</b>	$\rightarrow$

Spatial sca	ale - Area affected by the factor
×	Restricted
	Localised
	Extensive

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	Widespread					
Temporal s	cale - Occurence of the impact					
×	One off or rare					
	Intermittent or sporadic					
	Frequent					
	On-going On-going					
Impact - Im	pact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					
Name		Impact		Origin		
						Trend
4.8.2 Socie	ty's valuing of heritage	<ul><li></li></ul>	9	©	Œ	Trend
4.8.2 Socie	ty's valuing of heritage					
	ty's valuing of heritage le - Area affected by the factor					
	le - Area affected by the factor					
	le - Area affected by the factor Restricted					
Spatial sca	le - Area affected by the factor  Restricted  Localised					
Spatial sca	le - Area affected by the factor  Restricted  Localised  Extensive					
Spatial sca	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread					
Spatial sca	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact					
Spatial sca	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare					
X Temporal s	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic					
X Temporal s	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent					
X Temporal s	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent  On-going					
X Temporal s	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent  On-going  pact on the attributes					
X Temporal s	Restricted Localised Extensive Widespread  cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant					
X Temporal s  X	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent  On-going  pact on the attributes  Insignificant  Minor					
X Temporal s  Impact - Im	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent  On-going  pact on the attributes  Insignificant  Minor  Significant					
X Temporal s  Impact - Im	le - Area affected by the factor  Restricted  Localised  Extensive  Widespread  cale - Occurence of the impact  One off or rare  Intermittent or sporadic  Frequent  On-going  pact on the attributes  Insignificant  Minor  Significant  Major					

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	Low capacity				
	No capacity and / or resources				
Trend - Dev	elopement over the last 6 years				
	Decreasing				
	Static				
×	Increasing				
Name		Impact		Origin	Trend
4.8.6 Impac	s of tourism/Visitation/Recreation	0	9	•	
Spatial scal	e - Area affected by the factor				
×	Restricted				
	Localised				
	Extensive				
	Widespread				
Temporal s	cale - Occurence of the impact				
×	One off or rare				
	Intermittent or sporadic				
	Frequent				
	On-going On-going				
Impact - Imp	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Managemer	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - Dev	elopement over the last 6 years				
	Decreasing				
	Static				
×	Increasing				

# 4.10 Climate change and severe weather events

Localised

Name	Impact		Origin		Trend	
4.10.1 Storms						
		9	9		Œ	<i>P</i>
Spatial scale - Area affected by the factor						
Restricted						

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×	Extensive								
	Widespread								
Temporal s	Temporal scale - Occurence of the impact								
	One off or rare								
×	Intermittent or sporadic								
	Frequent								
	On-going								
Impact - Im	pact on the attributes								
×	Insignificant								
	Minor								
	Significant								
	Major								
Manageme	nt response - Capacity of management to respond								
	High capacity								
×	Medium capacity								
	Low capacity								
	No capacity and / or resources								
Trend - Dev	velopement over the last 6 years								
	Decreasing								
×	Static								
	Increasing								
Name		Impact	Origin	Trend					

Name	Impact	Impact		C		pact		Origi		Origin	
4.10.2 Flooding											
		q		<b>G</b>	1						

			9	F	-
Spatial sca	ale - 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 - In	pact on the attributes				
×	Insignificant				
	Minor				
	Significant				
	Major				
Manageme	ent response - Capacity of management to respond				
×	High capacity				

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	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Dev	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

# 4.11 Sudden ecological or geological events

Name		Impact		Origin		Trend	
4.11.3 Tsur	nami/Tidal wave						
				9		Œ	$\rightarrow$
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal	cale - Occurence of the impact						
×	One off or rare						
^	Intermittent or sporadic						
	Frequent						
	On-going						
	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

# 4.13 Management and institutional factors

Name	Impact	Impact Origin		Trend		
4.13.1 Management system/Management plan	<b>O</b>	q		•	<b>(</b>	$\rightarrow$

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Spatial sca	le - Area affected by the factor					
×	Restricted					
	Localised					
	Extensive					
	Widespread					
Temporal s	scale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					
Name		Impact		Origin		Trend
4.13.2 Lega	al framework	•	<b>4</b>	•	<b>F</b>	<b>→</b>
Spatial sca	le - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					
Temporal s	scale - Occurence of the impact					
	One off or rare					
×	Intermittent or sporadic					
	Frequent					
	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					

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	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	relopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name		Impact		Origin		Trend
4.13.3 Gove	rnance	0	9	•	<b>G</b>	<b>→</b>
Spatial sca	le - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
×	High capacity					
	Medium capacity					
	Low capacity					
	No capacity and / or resources					
Trend - Dev	velopement over the last 6 years					
	Decreasing					
	Static					
×	Increasing					
Name		Impact		Origin		Trend

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4.13.4 Management activities

Spatial sca	le - Area affected by the factor				
	Restricted				
	Localised				
×	Extensive				
	Widespread				
Temporal s	cale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
	Frequent				
×	On-going				
Impact - Im	pact on the attributes				
	Insignificant				
	Minor				
×	Significant				
	Major				
Manageme	nt response - Capacity of management to respond				
×	High capacity				
	Medium capacity				
	Low capacity				
	No capacity and / or resources				
Trend - De	velopement over the last 6 years				
	Decreasing				
	Static				
×	Increasing				
Name		Impact		Origin	Trend
4.13.5 Fina	ncial resources	•	9	•	-
Spatial sca	le - Area affected by the factor				
	Restricted				
×	Localised				
	Extensive				
	Widespread				
Temporal s	cale - Occurence of the impact				
	One off or rare				
×	Intermittent or sporadic				
	Frequent				
	On-going				
Impact - Im	pact on the attributes				
	Insignificant				
	Minor				
×	Significant				

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	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name		Impact			Origin		Trend
4.13.6 Human resources		0	4	9	•		<b>→</b>
Spatial sca	le - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
×	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name	impact records/monitoring activities	Impact			Origin	//	Trend
4.13.7 LOW	impact research/monitoring activities	<b>O</b>	4		•	<b>G</b>	<b>→</b>

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Spatial sca	ale - 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 On-going
Impact - Im	pact on the attributes
×	Insignificant
	Minor
	Significant
	Major
Manageme	ent response - Capacity of management to respond
×	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	velopement 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

Not applicable

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	Culmination of Kalingan style of temple architecture	×			
4.18.1.2	Temple fashioned in the shape of a gigantic chariot	×			
4.18.1.3	the temple is a exceptional testimony in physical form	×			
4.18.1.4	Sculptural embellishment	×			
4.18.1.5	Amazing art and architecture of the temple	×			

# 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  $\mbox{\it are}\mbox{\it known}\mbox{\it by}\mbox{\it both}$  the management authority and local communities/landowners

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### 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).

In order to preserve the values of the property, various Legislative Acts are in force viz.;

- 1. NATIONAL LEVEL
- (i) Ancient Monuments and Archaeological Sites and Remains Act 1958 and Rules 1959 and subsequent amendment 1992, Govt. of India.
- 2. PROVINCIAL LEVEL
- (i) Forest Act 1972, Govt. of Orissa.
- (II) Puri, Konarak Development Authorities Act, 1993 Govt. of Orissa.
- 3. MUNICIPAL LEVEL
- (i) Notified Area Council Act, Govt. of Orissa.

### Comment

The AMASR (Amendment and Validation) Act, 2010 and subsequent rules made their under in 2011 required to be incorporated in point no. 1 (i).

# 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 World Heritage Property Sun Temple, Konark is managed and governed by the AMASR Act 1958 and Rules 1959, AMASR (Amendment and Validation) Act 2010 and rules 2011 and National Conservation Policy 2014.

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

As per the provisions of the Act and Rules framed for protection of the monument the Sun Temple is being managed and it is now in a good stage of preservation.

# 5.3. Management System/Management Plan

# **5.3.1 - Please check the box which most closely match the character of the governance and management system of the property** Public management system joint national/ local

# If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

An annual work plan or business plan

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

The Sun Temple, Konark is being managed/maintained by the guidance of the Director General, ASI; Joint Director General (Monument, conservation and world heritage section), Director(Monument, conservation and world heritage section), Superintending Archaeologist, ASI. The property is being protected following the provisions of the AMASR Act 1958 and rules 1959; A & V Act 2010.

### 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?

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

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

Not applicable

# 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:

Not applicable

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

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

Mitigation measures are undertaken to reduce the effect of any kind of Natural disasters. Proper escape routes are created and signages are provided wherever necessary.

# 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					×

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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	Students, teachers, elite class people and common ma	ın.

# 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 No further details

# 5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan $_{\text{Nil}}$

# 6. Financial and Human Resources

# 6.1. Funding

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

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

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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

For conservation and maintenance of the property funds is being allocated by the Archaeological Survey of India as per the conservation programme every year. Other than ASI no agency is providing funds to the monument.

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

The available budget is adequate for effective management of the World Heritage property

# 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	70 %	0 %
6.1.6.2	Women	30 %	0 %
		Total 100 %	Total 0 %

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

Human resources are adequate for management needs

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

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

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

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

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# 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.

Workshops and training programs are conducted in the field of conservation from time to time.

# 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 fully implemented; all technical skills are being transferred to those managing the property locally

### 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

Initiatives are taken in consultation with various institutes to conduct scientific investigations in different dimensions of conservation to protect the site.

# 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	Not applicable
Women	Good
Youth/children	Good
Researchers	Good
Local visitors	Good
National/international tourists	Good
Tourism industry	Good
Local businesses and industries	Fair
NGOs	Good
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

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

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

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

Local communities	
Local/municipal authorities	
Indigenous peoples	
Landowners	

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/omen
outh/children
esearchers
ocal Visitors
ational/international tourists
ourism industry
ocal businesses and industries
GOs COS
ther specific groups
eritage Lovers

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

Visitor centre	Not needed
Site museum	Good
Information booths	Good
Guided tours	Good
Trails/routes	Fair
Printed information materials	Good
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

Cultural awareness programme are being conducted at the property on the eve of World Heritage Day, World Heritage Week and other national festivals by the way of putting of detailed exhibition, conducting drawing competition, essay writing competition debates etc. to sensitize the youth and the local people towards the protection of the cultural property.

# 9. Visitor Management

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

1997820 / 2466836 / 2852535 / 2306456 / 3200281 /

# 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

Observation from the site.

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

27 / 2.5 / 1 / 8.65 /

# 9.6 - Please provide the source of information

For Visitors Data the source of information is Entry tickets of the Monument while the lodging and transportation charge information collected from concerned department of Government of Odisha.

# 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

The visitors movement and the management system is being provided at the property by providing pathways, barricading, brass railings, stone benches at the property.

# 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

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

Yes, using a different system

# If a different system, please specify

By State Tourism Department.

# 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 one location and easily visible to visitors

# 9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property? Fees are collected, but make no contribution to the management of the World Heritage property

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

Voc

# If 'Yes', please specify

By State Tourism Department

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

Not applicable

# If 'Yes', please specify

State Tourism Department

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

The visitors movement and the management system is being provided at the property by providing pathways, barricading, brass railings, stone benches at the property.

# 10. Monitoring

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

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

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

Information on the values of the World Heritage property is 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				X
10.3.2	Effectiveness of the management system				X
10.3.3	Character of governance				X
10.3.4	Appropriate synergy with other conservation designations				×
10.3.5	Contribution to sustainable development				X
10.3.6	Capacity development				×

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

Regular Monitoring is being done by the Director General, ASI through the Joint Director General (Conservation) and the Director (World Heritage, Monument, Conservation and Regional Director). Site Manager (Superintending Archaeologist, ASI monitor the World Heritage property through the regular inspection). There is a dedicated Sub Circle office for the World Heritage Site for monitoring day to day conservation works, management.

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

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Good

Local communities	Good
Indigenous peoples	Fair
Landowners	Not applicable
Women	Fair
Researchers	Good
Tourism industry	Good
Local businesses and industry	Fair
NGOs	Good
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.

Not applicable.

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

Adequate monitoring is being done at the circle level as well as by the regional directorate and directorate level.

# 11. Identification of Priority Management Needs

# 11.1 - Identification of Priority Management Needs

5.3	Management System/Management Plan	
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
6.1	Funding	
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×
Please	e select 1 more issues.	
☐ Plea	ase 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 conditi	ons affecting physical	fabric				
<b>4.7.1</b> W	Vind	No impact on criteria and attributes.	Periodic chemical cleaning and chemical preservatives are being applied by the Science Branch. Green belt by plantation of casurina trees has been developed by the Government of Odisha with a view to check the saline wind from the sea.	Regular monitoring is being done.	Not Applicable	The Bhuabaneswar Circle, ASI and Science Branch, ASI and the Government of Odisha.	Saline wind from the sea directly hits the surface of the Sun temple, Konark due to which poses a threat to the external fabric. The Green belt created by the Casurina tree around the World Heritage Property is acting as an effective barrier.

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Relative humidity	No impact on criteria and attributes.	Regular chemical cleaning is being done to extract salt by using paper pulp method.	Regularly.	Pε	eriodic		Science Branch of ASI.	Khande wind fle contain which a surface	operty is built by oblite stone and the owing from the sea as salt and moisture accumulates on the e and may be a of weathering.		
Water (rain/water table)	No impact on criteria and attributes.	Proper drainage with electrical /diesel pumps fitted with auto sensors has been provided for quick and affective evacuation of rain water from the complex of the world heritage property.	Regularly.	required. H	Hence not	Archa India.	eological Survey of	proportion proportion available.	World Heritage enty is located in tal area in high pitation zone. Ilar cleaning of all s is being done and er cleaning of the ument is being done oid any mulation of rain r.		
Climate chan	ge and severe weather	events									
Storms	No impact on criteria and attributes.	along with National Disaster Response Force and Odisha Disaster Response Force and in consultation with District	and as per the warnings issued Odisha Govern	d by	Not applicabl	e.	India, National Disa Response Force ar Odisha Disaster Response Force ar	ister nd nd in	The World heritage Property is located in the cyclone prone zone.		
Flooding	No impact on criteria and attributes.	along with National Disaster Response Force and Odisha Disaster Response Force and in consultation with District	and as per the warnings issued Odisha Governn	by	Not Applicable	)	India, National Disast Response Force and Odisha Disaster Response Force and	er	Not Applicable		
Sudden ecole	ogical or geological eve	ents									
Tsunami/Tidal wave	criteria and attributes	Disaster Response Force and Odisha Disaster Response Force and in consultation with District Administration in order to	As and when required and as per the warnings issued by Odisha Government.				India, National Disa Response Force an Odisha Disaster Response Force an		India, National Disaste Response Force and Odisha Disaster Response Force and i consultation with Distr	tter d	
	Water (rain/water table)  Climate chan  Storms  Flooding  Sudden ecole  Tsunami/Tidal	Mater (rain/water table)  Climate change and severe weather  Storms  No impact on criteria and attributes.  No impact on criteria and attributes.  Flooding  No impact on criteria and attributes.  Sudden ecological or geological evolution or criteria and attributes.  Sudden ecological or geological evolution or criteria and attributes.	humidity and attributes.  Water (rain/water table)  Water (rain/water table)  Climate change and severe weather events  Storms  No impact on criteria and attributes.  Storms  No impact on criteria and attributes.  Climate change and severe weather events  Storms  No impact on criteria and attributes.  Close monitoring is done along with National Disaster Response Force and in consultation with District Administration in order to be prepared.  Flooding  No impact on criteria and attributes.  Close monitoring is done along with National Disaster Response Force and in consultation with District Administration in order to be prepared.  Sudden ecological or geological events  Tsunami/Tidal No impact on criteria and along with National Disaster Response Force and in consultation with District Administration in order to be prepared.	No impact on criteria and attributes.   Clase monitoring is done along with National attributes.   Plooding   No impact on criteria and attributes.   Proper drainage with electrical /diesel pumps fitted with auto sensors has been provided for quick and affective evacuation of rain water from the complex of the world heritage property.      Climate change and severe weather events	Water (rain/water table)   No impact on (rain/water table)   Cilimate change and severe weather events	humidity and attributes.    Claaning is being done to extract salt by using paper pulp method.	Water (rain/water table)   No impact on (rain/water table)   Proper drainage with auto sensors has been provided for quick and affective evacuation of rain water from the complex of the world heritage property.	Municity   and attributes.   cleaning is being done to extract salt by using paper pulp method.   As and when criteria and attributes.   Proper drainage with electrical (diesel pumps litted with auto sensors has been provided for quick and affective evacuation of rain water from the complex of the world heritage property.   As and when required, Hence not applicable.   Archaeological Survey of India.	humidity and attributes. clearing is being done to extract sait by using paper pulp method.  Water (rain/water table) criteria and attributes. Proper drainage with sue sensors has been provided for quick and affective evacuation of rain water from the complex of the world heritage property.  Climate change and severe weather events  Storms No impact on criteria and attributes. Disaster Response Force and in consultation with District Administration in order to be prepared.  Flooding No impact on criteria and attributes. Disaster Response Force and Colsa bisaster Response Force and Colsa bisaster Response Force and Consultation with District Administration in order to be prepared.  Studen ecological or geological events  Tsunami/Tidal No impact on criteria and attributes Disaster Response Force and Colsa bisaster Response Force and Colsa Colsa bisaster Response Force and Colsa C		

# 12.2. Summary - Management Needs

# 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones								
		Actions	Timeframe	Lead agency (and others involved)	More info / comment				
5.1.4		Not applicable	One year for demarcating buffer zone of the World Heritage Property.	Archaeological Survey of India and District Administration.	No comments				
5.2	Protective Measu	ires							
5.2.4		Not Applicable	Not Applicable.	Not Applicable	Not Applicable				
5.3	Management Sy	/stem/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	No immediate impact, although various awareness programs are initiated.	On going	Archaeological Survey of India	Not Applicable.				

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5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Mitigation measur wherever necessa		On going		Archaeological Survey of India		Not Applicable.
5.3.17		Not applicable	1	Not Applicable		Not Applicable		Not Applicable
6.1	Funding							
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	More awarenes shall be underta	s related program: kken at the site.	s On going	Arc	chaeological Survey of India		Not Applicable
9	Visitor Management							
9.12		Nil	Not Applicable		Not	Applicable	Not A	Applicable
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.

The state of integrity and authenticity of the Outstanding Universal Value of the property is maintained by the ASI following the norms and principles of conservation.

# 13. Impact of World Heritage Status

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

Conservation	Positive
Research and monitoring	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	Not applicable
Political support for conservation	Very positive
Legal/Policy framework	Very positive
Advocacy	Very positive
Institutional coordination	Very positive

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Security	Very positive
Gender equality	Very 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
- 14.2 Define which topics are covered by this example of best practice at the property level

Sustainable Development	
Synergies	
State of Conservation	
Management	
Governance	
Capacity Building	

# 15. Assessment of the Periodic Reporting Exercise

# 15.1. Relevance of Periodic Reporting

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

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The 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?

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

Update of management plans

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)

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

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

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

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

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

# 15.4. Format and content of the Periodic Report

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

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

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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.

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