

Taj Mahal

1. World Heritage Property Data

1.1 - Name of World Heritage property

Taj Mahal

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|------------|-----------------|---------------|------------------|------------|------------------|
| Taj Mahal | 27.174 / 78.042 | 0 | 0 | 0 | 1983 |
| Total (ha) | | | 0 | | |

1.4 - Map(s)

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

1. [World Heritage in India \(Archaeological Survey of India\)](#)
2. [Moghal Gardens \(World Heritage Review\)](#)

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

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

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

2.2 - Please provide comments on 2.1 if necessary

No comments.

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

No

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

No

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

No

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

No

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

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

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

No elements of the site are associated with the World Heritage property under the convention.

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

No elements of the site are associated with the World Heritage property under the convention.

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

No

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

None of the documentary heritage is associated with the World Heritage property listed under the Memory of the World Programme.

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

The Taj Mahal is located on the right bank of the Yamuna River in a vast Mughal garden that encompasses nearly 17 hectares, in the Agra District in Uttar Pradesh.

It was built by Mughal Emperor Shah Jahan in memory of his wife Mumtaz Mahal with construction starting in 1632 AD and completed in 1648 AD, with the mosque, the guest house and the main gateway on the south, the outer courtyard and its cloisters were added subsequently and completed in 1653 AD. The existence of several historical and Quranic inscriptions in Arabic script have facilitated setting the chronology of Taj Mahal. For its construction, masons, stone-cutters, inlayers, carvers, painters, calligraphers, dome builders and other artisans were requisitioned from the whole of the empire and also from the Central Asia and Iran. Ustad-Ahmad Lahori was the main architect of the Taj Mahal.

The Taj Mahal is considered to be the greatest architectural achievement in the whole range of Indo-Islamic architecture. Its recognised architectonic beauty has a rhythmic combination of solids and voids, concave and convex and light shadow; such as arches and domes further increases the aesthetic aspect. The colour combination of lush green scape reddish pathway and blue sky over it show cases the monument in ever changing tints and moods. The relief work in marble and inlay with precious and semi precious stones make it a monument apart.

The uniqueness of Taj Mahal lies in some truly remarkable innovations carried out by the horticulture planners and architects of Shah Jahan. One such genius planning is the placing of tomb at one end of the quadripartite garden rather than in the exact centre, which added rich depth and perspective to the distant view of the monument. It is also, one of the best examples of raised tomb variety. The tomb is further raised on a square platform with the four sides of the octagonal base of the minarets extended beyond the square at the corners. The top of the platform is reached through a lateral flight of steps provided in the centre of the southern side. The ground plan of the Taj Mahal is in perfect balance of composition, the octagonal tomb chamber in the centre, encompassed by the portal halls and the four corner rooms. The plan is repeated on the upper floor. The exterior of the tomb is square in plan, with chamfered corners. The large double storied domed chamber, which houses the cenotaphs of Mumtaz Mahal and Shah Jahan, is a perfect octagon in plan. The exquisite octagonal marble lattice screen encircling both cenotaphs is a piece of superb workmanship. It is highly polished and richly decorated with inlay work. The borders of the frames are inlaid with precious stones representing flowers executed with wonderful perfection. The hues and the shades of the stones used to make the leaves and the flowers appear almost real. The cenotaph of Mumtaz Mahal is in perfect centre of the tomb chamber, placed on a rectangular platform decorated with inlaid flower plant motifs. The cenotaph of Shah Jahan is greater than Mumtaz Mahal and installed more than thirty years later by the side of the latter on its west. The upper cenotaphs are only illusory and the real graves are in the lower tomb chamber (crypt), a practice adopted in the imperial Mughal tombs.

The four free-standing minarets at the corners of the platform added a hitherto unknown dimension to the Mughal architecture. The four minarets provide not only a kind of spatial reference to the monument but also give a three dimensional effect to the edifice.

The most impressive in the Taj Mahal complex next to the tomb, is the main gate which stands majestically in the centre of the southern wall of the forecourt. The gate is flanked on the north front by double arcade galleries. The garden in front of the galleries is subdivided into four quarters by two main walk-ways and each quarters in turn subdivided by the narrower cross-axial walkways, on the Timurid-Persian scheme of the walled in garden. The enclosure walls on the east and west have a pavilion at the centre.

The Taj Mahal is a perfect symmetrical planned building, with an emphasis of bilateral symmetry along a central axis on which the main features are placed. The building material used is brick-in-lime mortar veneered with red sandstone and marble and inlay work of precious/semi precious stones. The mosque and the guest house in the Taj Mahal complex are built of red sandstone in contrast to the marble tomb in the centre. Both the buildings have a large platform over the terrace at their front. Both the mosque and the guest house are the identical structures. They have an oblong massive prayer hall consist of three vaulted bays arranged in a row with central dominant portal. The frame of the portal arches and the spandrels are veneered in white marble. The spandrels are filled with flowery arabesques of stone intarsia and the arches bordered with rope molding.

Criterion (i): Taj Mahal represents the finest architectural and artistic achievement through perfect harmony and excellent craftsmanship in a whole range of Indo-Islamic sepulchral architecture. It is a masterpiece of architectural style in conception, treatment and execution and has unique aesthetic qualities in balance, symmetry and harmonious blending of various elements.

Integrity

Integrity is maintained in the intactness of tomb, mosque, guest house, main gate and the whole Taj Mahal complex. The physical fabric is in good condition and structural stability, nature of foundation, verticality of the minarets and other constructional aspects of Taj Mahal have been studied and continue to be monitored. To control the impact of deterioration due for atmospheric pollutants, an air control monitoring station is installed to constantly monitor air quality and control decay factors as they arise. To ensure the protection of the setting, the adequate management and enforcement of regulations in the extended buffer zone is needed. In addition, future development for tourist facilities will need to ensure that the functional and visual integrity of the property is maintained, particularly in the relationship with the Agra Fort.

Authenticity

The tomb, mosque, guest house, main gate and the overall Taj Mahal complex have maintained the conditions of authenticity at the time of inscription. Although an important amount of repairs and conservation works have been carried out right from the British period in India these have not compromised to the original qualities of the buildings. Future conservation work will need to follow guidelines that ensure that qualities such as form and design continue to be preserved.

Protection and management requirements

The management of Taj Mahal complex is carried out by the Archaeological Survey of India and the legal protection of the monument and the control over the regulated area around the monument is through the various legislative and regulatory frameworks that have been established, including the Ancient Monument and Archaeological Sites and Remains Act 1958 and Rules 1959 Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation); which is adequate to the overall administration of the property and buffer areas. Additional supplementary laws ensure the protection of the property in terms of development in the surroundings.

An area of 10,400 sq km around the Taj Mahal is defined to protect the monument from pollution. The Supreme Court of India in December, 1996, delivered a ruling banning use of coal/coke in industries located in the Taj Trapezium Zone (TTZ) and switching over to natural gas or relocating them outside the TTZ. The TTZ comprises of 40 protected monuments including three World Heritage Sites - Taj Mahal, Agra Fort and Fatehpur Sikri.

The fund provided by the federal government is adequate for the buffer areas. The fund provided by the federal government is adequate for the overall conservation, preservation and maintenance of the complex to supervise activities at the site under the guidance of the Superintending Archaeologist of the Agra Circle. The implementation of an Integrated Management plan is necessary to ensure that the property maintains the existing conditions, particularly in the light of significant pressures derived from visitation that will need to be adequately managed. The Management plan should also prescribe adequate guidelines for proposed infrastructure development and establish a comprehensive Public Use plan.

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 | Perfect symmetry | ✗ | | | |
| 3.2.2 | Richly decorated inlay work | ✗ | | | |

| | | | | | |
|--------|------------------------------------|---|--|--|--|
| 3.2.3 | Indo-Islamic Architectural Style | × | | | |
| 3.2.4 | Calligraphy (Quaranic Inscription) | × | | | |
| 3.2.5 | Garden layout | × | | | |
| 3.2.6 | | | | | |
| 3.2.7 | | | | | |
| 3.2.8 | | | | | |
| 3.2.9 | | | | | |
| 3.2.10 | | | | | |
| 3.2.11 | | | | | |
| 3.2.12 | | | | | |
| 3.2.13 | | | | | |
| 3.2.14 | | | | | |
| 3.2.15 | | | | | |

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

The Taj Mahal is considered the greatest architectural achievement of Indo-Islamic Architecture. Its recognized architectonic beauty has a rhythmic combination of solids and voids, concave and convex and light & shadow. The integrity of the property is maintained in the intactness of the whole Taj Mahal Complex. The authenticity is maintained although a number of repairs and conservation work carried out have not compromised the original qualities of the building.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.1.2 - Commercial development

Previous answer Cycle 2 (29/07/2011):

- Not relevant

| | |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

4.1.3 - Industrial areas

Previous answer Cycle 2 (29/07/2011):

- Not relevant

| | |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Outside

| | |
|----------|----------------|
| Relevant | ✗ Not relevant |
|----------|----------------|

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Potential, Outside

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

| | | | | | | | |
|----------|--|--|--|--|--|--|--|
| Positive | | | | | | | |
| Negative | | | | | | | |

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

The construction of houses in the surrounding residential area of the property is affecting the visual integrity in the buffer zone. All the measures are undertaken to control these kinds of developments. The recently developed viewpoint and Gyarah Seedhi Park which is located across the river added a new charm to the visitors. Also, in the vicinity of the property, a new museum is being constructed which will definitely enhance the visitor's experience.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Potential, Outside

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

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Outside

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

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Outside

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

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (29/07/2011):

- 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

Recently constructed expressways, new special trains, city buses are facilitating visitors in their easy and smooth approach to the property. The new modern mode of transportation like Metro is also being provided in the city, which will definitely serve the visitors in a better way as it will be environment friendly, time-saving and comfortable. These developments have no impact on the site and are facilitating the visitors.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Outside

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

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.3.4 - Localised utilities

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside

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

No comments.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.4.2 - Ground water pollution

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside

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

4.4.3 - Surface water pollution

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside

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

4.4.4 - Air pollution

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Potential, Outside

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

4.4.5 - Solid waste

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

Air pollution and dust particles in the air affecting the outer surface of the white marble of the Taj Mahal causing it to appear pale or yellowish. Mud pack treatment to reduce the effect is done at regular intervals. In order to control the situation, an area. In order to control the situation, an area of approx. 10400 sq. km. around the property declared as Taj Trapezium Zone which prevents and regulates any industrial and other related activities in the area.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (29/07/2011):

- 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

No comments.

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (29/07/2011):

- 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

No comments.

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Potential, Outside

Relevant

✕ Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.7.3 - Temperature

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.7.4 - Radiation/Light

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside

Relevant

✕ Not relevant

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.7.7 - Pests

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.7.8 - Micro-organisms

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ 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 positively

No comments.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Inside

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

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

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

Previous answer Cycle 2 (29/07/2011):

- Relevant, Positive, Current, Outside

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

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, 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

The number of tourists is increasing day by day for which visitor amenities have been provided and the property is developed more tourists friendly. The site manager and his team working hard to maintain the property as per the established norms also comprehensive conservation is being taken up to make the site more impressive. Methods like step ticketing & visiting hours limitations are being introduced to regulate the visitor crowd.











4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Current, Outside


| ✕ Relevant | | | | Not relevant | | | |
|------------|--------|--|--------|--------------|-----------------|--|--|
| | Impact | | Origin | | Trend of impact | | |

| Impact |  Current |  Potential |  Inside |  Outside |  Decreasing |  Stable |  Increasing |
|--|---|---|--|---|--|--|--|
|  Positive | | | | | | | |
|  Negative  | |  | Negative  |  | |  | |

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.9.3 - Military training

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Potential, Inside, Outside

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

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

Since the property is surrounded by the habitation area especially on the southern side, therefore, some illegal/unauthorized constructions are reported. However, the state party has strong legislation to control such activities in the buffer area. A competent authority has been constituted to issue permissions for repair/ renovation/ construction/ reconstruction in the buffer area of the property under the provisions of AMSAR Act of 2010.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.10.2 - Flooding

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.10.3 - Drought

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.10.4 - Desertification

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

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

No comments.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant

Not relevant

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (29/07/2011):

- Not relevant

Relevant

✕ Not relevant

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (29/07/2011):

- Relevant, Negative, Potential, Outside

Relevant

✕ Not relevant

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

The site is located in the Seismic Zone - III, therefore it falls in area of moderate risk. However, no major earthquake have been reported in the recent past.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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

4.12.6 - Modified genetic material

Previous answer Cycle 2 (29/07/2011):

- Not relevant

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











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

No comments.

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 (29/07/2011):

- Relevant, Positive, Current, Inside, Outside

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

4.13.5 - 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 (29/07/2011):

- Relevant, Positive, Current, Inside

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (29/07/2011):

- Not relevant

| | |
|----------|----------------|
| Relevant | ✕ 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

A holistic development plan is adopted for the site, under the existing legal framework, governance, management activities are managed by ASI with available financial and human resources aimed at the regular monitoring and preservation of the site. A dedicated site management plan is also prepared and being implemented.

4.14. Other factor(s)













































































4.14.1 - Other factor(s)

None.

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

| | | | |
|-------------------------------|--------|--------|-------|
| Name | Impact | Origin | Trend |
| 4.1 Buildings and Development | | | |
| 4.1.1 Housing | | | |

| | | | | | | |
|---|---|---|--|--|--|---|
| |  |  |  | |  |  |
| 4.1.5 Interpretative and visitation facilities |  | |  | |  |  |
| | | | | | | |
| 4.2 Transportation Infrastructure | | | | | | |
| 4.2.1 Ground transport infrastructure |  | |  | |  |  |
| | | | | | | |
| 4.4 Pollution | | | | | | |
| 4.4.4 Air pollution | | | | | | |
| |  | |  | |  |  |
| 4.8 Social/Cultural uses of heritage | | | | | | |
| 4.8.1 Ritual/Spiritual/Religious and associative uses |  |  | |  | |  |
| | | | | | | |
| 4.8.6 Impacts of tourism/Visitation/Recreation |  |  |  | |  |  |
| | | | | | | |
| 4.9 Other human activities | | | | | | |
| 4.9.1 Illegal activities | | | | | | |
| |  | |  | |  |  |
| 4.11 Sudden ecological or geological events | | | | | | |
| 4.11.2 Earthquake | | | | | | |
| |  | |  | |  |  |
| 4.13 Management and institutional factors | | | | | | |
| 4.13.1 Management system/Management plan |  |  |  |  |  |  |
| | | | | | | |
| 4.13.2 Legal framework |  |  |  |  |  |  |
| | | | | | | |
| 4.13.3 Governance |  |  |  |  |  |  |
| | | | | | | |
| 4.13.4 Management activities |  |  |  |  | |  |
| | | | | | | |
| 4.13.5 Financial resources |  |  | |  | |  |
| | | | | | | |
| 4.13.6 Human resources |  |  |  |  | |  |
| | | | | | | |
| 4.13.7 Low impact research/monitoring activities |  | |  | |  |  |
| | | | | | | |
| Legend |  Current |  Potential |  Negative |  Positive |  Inside |  Outside |

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

| Name | Impact | | | Origin | | Trend |
|---------------|--------|--|--|--------|--|-------|
| 4.1.1 Housing | | | | | | |

Spatial scale - Area affected by the factor

Restricted

✕

Localised

Extensive

Widespread

Temporal scale - Occurence of the impact

One off or rare

✕

Intermittent or sporadic

Frequent

On-going

Impact - Impact on the attributes

Insignificant

✕

Minor

Significant

Major

Management response - Capacity of management to respond

✕

High capacity

Medium capacity

Low capacity

No capacity and / or resources

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

4.2 Transportation Infrastructure

| Name | Impact | | | Origin | Trend |
|---------------------------------------|--------|--|---|--------|-------|
| 4.2.1 Ground transport infrastructure | + | | 📢 | 🔄 | ↗ |
| | | | | | |

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

4.4 Pollution

| Name | | Impact | | | Origin | | Trend |
|--|--------------------------------|--------|--|--|--------|--|-------|
| 4.4.4 Air pollution | | | | | | | |
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Management response - Capacity of management to respond | | | | | | | |
| | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Development over the last 6 years | | | | | | | |
| | Decreasing | | | | | | |
| | Static | | | | | | |
| | Increasing | | | | | | |

4.8 Social/Cultural uses of heritage

| Name | | Impact | | | Origin | | Trend |
|---|-----------------|--------|--|--|--------|--|-------|
| 4.8.1 Ritual/Spiritual/Religious and associative uses | | | | | | | |
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| | One off or rare | | | | | | |

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

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

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

| | |
|---|------------|
| | Decreasing |
| | Static |
| ✕ | Increasing |

4.9 Other human activities

| Name | Impact | Origin | Trend |
|--------------------------|--|--|--|
| 4.9.1 Illegal activities | | | |
| | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| ✕ | Restricted |
| | Localised |
| | Extensive |
| | Widespread |

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

| | |
|---|---------------|
| | Insignificant |
| ✕ | Minor |
| | Significant |
| | Major |

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

| | |
|---|------------|
| | Decreasing |
| ✕ | Static |
| | Increasing |

4.11 Sudden ecological or geological events






| Name | Impact | Origin | Trend |
|-------------------|--|--|--|
| 4.11.2 Earthquake | | | |
| | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> |

Spatial scale - Area affected by the factor

| | |
|---|------------|
| | Restricted |
| ✕ | Localised |
| | Extensive |







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

4.13 Management and institutional factors







| Name | Impact | Origin | Trend |
|--|---|---|---|
| 4.13.1 Management system/Management plan |    |   |  |
| | | | |

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

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






| Name | Impact | Origin | Trend |
|------------------------|---|---|---|
| 4.13.2 Legal framework |    |   |  |
| | | | |

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

| Name | Impact | Origin | Trend |
|-------------------|---|---|---|
| 4.13.3 Governance |    |   |  |
| | | | |





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

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

| Name | Impact | Origin | Trend |
|------------------------------|---|---|---|
| 4.13.4 Management activities |    |  |  |
| | | | |

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

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

| Name | Impact | | | Origin | | Trend |
|----------------------------|---|---|--|---|--|---|
| 4.13.5 Financial resources |  |  | |  | |  |
| | | | | | | |




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

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

| | |
|--|---------------|
| Impact - Impact on the attributes | |
| | Insignificant |
| | Minor |
| ✕ | Significant |
| | Major |




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

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

| Name | Impact | | | Origin | | Trend |
|------------------------|---|---|---|---|--|---|
| 4.13.6 Human resources |  |  |  |  | |  |
| | | | | | | |

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

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

| Name | Impact | | | Origin | Trend |
|--|---|--|---|---|---|
| 4.13.7 Low impact research/monitoring activities |  | |  |  |  |
| | | | | | |

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

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

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 | Perfect symmetry | ✕ | | | |
| 4.18.1.2 | Richly decorated inlay work | ✕ | | | |
| 4.18.1.3 | Indo-Islamic Architectural Style | ✕ | | | |
| 4.18.1.4 | Calligraphy (Quranic Inscription) | ✕ | | | |
| 4.18.1.5 | Garden layout | ✕ | | | |

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

The boundaries of protected WH property and the buffer zones, at present, are known by the managing authorities and necessary protection notice boards are put in place. The boundaries are regularly monitored by the field staff and adherence is ascertained by taking legal action against the violators, wherever necessary.

5.2. Protective Measures

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

The Taj Mahal has been notified as a Centrally Protected Monument of national importance under the "Ancient Monuments, Sites and Remains Act", 1958. Rules to the Act were formulated in 1959 provide for its implementation. A significant amendment to the provisions of the Act was made in 1992.

Source: Periodic Reporting Cycle 2

Comment

The Agra Fort has been notified as a Centrally Protected Monument of national importance under the "Ancient Monuments, Sites and Remains Act", 1958. Rules to the Act were formulated in 1959 provide for its implementation. A significant amendment to the provisions of the Act was made in 1992. Further, the Government of India enacted the Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation), Act, 2010 (10 of 2010) with more stringent provisions.

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

| |
|---|
| 1878 / The Indian Treasure - Trove Act / 1972 / |
| The Antiquities and Art Treasures Act / 1973 / Uttar Pradesh Nagar Planning & Development Act / |
| 1927 / Indian Forest Act / |
| 1921 / Agra Master Plan 2021 / Proposed Dharohar Kshetra for Taj Precincts / |

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

Prohibited and Regulated areas are maintained in all directions from the boundaries of Protected Sites. Regular notices are issued and FIR filed against the violators and they are asked to stop the work and obtain the necessary permission from the concerned authorities. If the work is continued further without acquiring the necessary permissions, a request for issuing a demolition order is sent to the DG, ASI who, in turn, orders the District Collector to effect the demolition.

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

The measures taken to protect the World Heritage property are acceptable and further cooperation from the State Government and District Administration in terms of the enforcement of the AMASR Act, 1958.

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.

A management plan

An annual work plan or business plan

A disaster, climate or conflict risk management plan

A visitor/visitation management plan

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

The management system is in place, the site is managed by the ASI through the O/o Superintending Archaeologist, Agra Circle. Conservation, preservation, regular upkeep of the monuments and the premises and visitor amenities therein are promptly maintained along with round-the-clock watch and ward duties. This is achieved with the help of necessary finance from the Government of India.

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.

The buffer area around the property is designated as a special area "Dharohar Kshetra" in the Vision Plan and Master Plan 2021. This area has legal protection.

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:

No comments.

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

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

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

The Strategy for Reducing Risks from Disasters at World Heritage Properties has been adopted. A dedicated plan is included in the Site Management Plan of the

property. Also, a contingency plan has been prepared and implemented in coordination with National Disaster Management Authority. A monitoring station has been established under the Agra Division of National Center for Seismology, Ministry of Earth Sciences, Government of India for regular monitoring of seismic activities.

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 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 | CISF for security management | | | | |

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

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

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

The current management system provides employment dependent on tourism-related industries. Many household's livelihoods are dependent on activities related to this segment.

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

The primary role of the management system at the site is the regular conservation, preservation, and maintenance of the World Heritage Property. The same is carried out with the help of budgetary allocation by the Government of India.

6. Financial and Human Resources

6.1. Funding

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

| | | Project costs | Running costs |
|----------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.) | % | % |
| 6.1.1.2 | Bilateral international funding | % | % |
| 6.1.1.3 | World Heritage Fund (International Assistance) | % | % |
| 6.1.1.4 | Contribution from other conventions and programmes | % | % |
| 6.1.1.5 | International donations (NGOs, foundations, etc.) | % | % |
| 6.1.1.6 | Governmental (national/federal) | 100 % | 100 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | % | % |
| 6.1.1.8 | Governmental (local/municipal) | % | % |
| 6.1.1.9 | In-country donations (NGOs, foundations, etc.) | % | % |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.) | % | % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | % | % |
| 6.1.1.12 | Other | % | % |
| | | Total 100 % | Total 100 % |

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

Utilize budgetary allocation allocated by the Archaeological Survey of India, Government of India.

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

The existing sources of funding are secure over the medium as well as long term.

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 | 60 % | 60 % |
| 6.1.6.2 | Women | 40 % | 40 % |
| | | Total 100 % | Total 100 % |

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

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

| | |
|--|------|
| Conservation | Fair |
| Environmental sustainability | Fair |
| Community participation and inclusion | Fair |
| Risk preparedness | Fair |
| Capacity development and education | Fair |
| Administration | Fair |
| Research and monitoring | Fair |
| Awareness raising and public information/communication | Fair |
| Marketing and promotion | Fair |
| 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?

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 are conducted from time to time to train professionals in the field of conservation, management and monitoring.

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

The quantum of human resources made available at the site is adequate. Further, training programs that are site-specific in terms of conservation and preservation may be conducted more frequently that will equip better technical skills among professionals.

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

Research work/projects are undertaken by various agencies.

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 | Fair |
| Landowners | Fair |
| Women | Fair |
| Youth/children | Fair |
| Researchers | Good |
| Local visitors | Fair |
| National/international tourists | Good |
| Tourism industry | Good |
| Local businesses and industries | Good |
| 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 |
| Women |
| Youth/children |
| Researchers |
| Local Visitors |
| National/international tourists |
| Tourism industry |
| Local businesses and industries |
| NGOs |

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

| | |
|--------------------|------|
| Visitor centre | Good |
| Site museum | Good |
| Information booths | Good |
| Guided tours | Good |

| | |
|--|--|
| Trails/routes | Good |
| Printed information materials | Good |
| Online (website, social media, etc.) | Good |
| Transportation facilities | Good |
| Other | Good |
| If 'Other' is selected, please specify | Amenities like Baby Feeding Rooms, Drinking Water booths, Toilets, CCTVs all around the monuments. |

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

Museum Day, World Heritage Day, and World Heritage Week, and many other events are observed every year. Such programs are used for conducting lecture series, various competitions like essay writing, painting, quizzes, etc. Students from various schools and colleges, their teachers, parents, guardians visit the site and the museum, and such study tours prove to be helpful in the education of the public and awareness building.

9. Visitor Management

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

5112807 / 6568803 / 6473628 / 6153947 / 6435048 /

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)

35 / 20 / 20 / 14 /

9.6 - Please provide the source of information

Visitor survey and local market survey.

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 management system/Plan is inclusive of a proper visitor management system, which affects the economic, socio-cultural, and environmental aspects.

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

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

By Uttar Pradesh 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 **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, but make **no contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

State authorities helps in crowd management outside the World Heritage Property

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

Yes

If 'Yes', please specify

State Department of Tourism.

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

A large part of the community depends on tourism for earning their livelihood. Increase in tourism has provided sustainable employment and income source.

10. Monitoring

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

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

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

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

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

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

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

Real-time monitoring through visitor survey, state of conservation is undertaken and required action taken time to time.

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 | Fair |
| Indigenous peoples | Fair |
| Landowners | Fair |
| Women | Fair |
| Researchers | Good |
| Tourism industry | Fair |
| Local businesses and industry | Fair |
| NGOs | Fair |
| Other specific groups | Good |
| If you selected 'Other specific groups', please specify | CISF |

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

Implementation is underway

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

According to Committee decision 35 COM 7B.67 requesting for Management plan, the Taj Mahal management has been prepared and being implemented.

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

No comments.

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 | 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 select 1 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

| | | | | | | | |
|-------|---|---|--|--|---|---|---|
| 4.1 | Buildings and Development | | | | | | |
| 4.1.1 | Housing | No impact on criteria and attributes of the property. | A legal framework has been provided to control and regulate the development activities in the buffer zone of the property through AMSAR Act of 1958 and 2010 further the area is also has special mention in the Vision Plan and Master Plan 2021. | An effective mechanism is provided to monitor the development activities around the property. | It's a regular routine process to monitor and regulate such activities. | The Archaeological Survey of India is responsible for the property however, the National Monuments Authority, Agra Development Authority, Agra Municipal Corporation, Irrigation Department, and Forrest Department, Government of Uttar Pradesh. | A competent authority under the National Monuments Authority is appointed to permit the construction and development activities in the buffer area of the property as per the provisions of the Act and Rules. |
| 4.4 | Pollution | | | | | | |
| 4.4.4 | Air pollution | No adverse effect on criteria and attributes of the property. | Air pollution and dust particles in the air affecting the outer surface of the white marble of the Taj Mahal causing it to appear pale or yellowish. Mud pack treatment to reduce the affect is done at regular intervals. | An area of approx. 10400 sq. km. around the property declared as Taj Trapezium Zone which prevent and regulate any industrial and other related activities in the area. | It is a regular process. | The Archaeological Survey of India is responsible for the property however, TTZ Authority, Agra Development Authority and Agra Municipal Corporation are responsible to regulate industrial and other related activities. | A dedicated unit of experienced scientists have been deployed at the property. A fully equipped laboratory and relevant equipment have been installed for continuous monitoring in the both core and buffer areas. |
| 4.9 | Other human activities | | | | | | |
| 4.9.1 | Illegal activities | No adverse effect on criteria and attributes of the property. | Strong legal framework have been provided to check such activities. National Monuments Authority is also constituted to regulate construction activities in the buffer zone of the property. | Regular monitoring of construction activities in the buffer area of the property is done by the Archaeological Survey of India, local Police and Civic Agency in coordination. | It is a regular process. | The Archaeological Survey of India, Agra Municipal Corporation, Agra Development Authority, UP State Police. | The state party has strong legislation to control such activities. A competent authority to allow repair/ renovation/ construction/ reconstruction in the buffer area under the provisions of AMSAR Act of 2010 is constituted under NMA. |
| 4.11 | Sudden ecological or geological events | | | | | | |

| | | | | | | | |
|--------|------------|---|--|---|-------|---|--|
| 4.11.2 | Earthquake | No such incident happened till now but since the property is located in Seismic Zone - III therefore, the threat cannot be denied completely. | A chapter on disaster management is included in the Site Management Plan of the property and is being implemented. | The seismic activities in the region are monitored by the Agra Division of National Center for Seismology, Ministry of Earth Sciences, Government of India. | None. | National Center for Seismology, Ministry of Earth Sciences, Government of India, Archaeological Survey of India and National Disaster Management Authority. | No such incident happened till now but since the property is located in Seismic Zone - III therefore, the threat cannot be denied completely. A contingency plan is prepared and implemented in coordination with DDMA/NDMA. |
|--------|------------|---|--|---|-------|---|--|

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 | No impact expected. | None. | None. | No comments. |
| 5.3.9 | Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | A dedicated chapter is included in the Site Management Plan of the property. Also a contingency plan has been prepared and implemented in coordination with National Disaster Management Authority. A seismic monitoring station has been established. | None. | National Center for Seismology, Ministry of Earth Sciences, Government of India, Archaeological Survey of India and National Disaster Management Authority. | A dedicated chapter is included in the Site Management Plan of the property. Also a contingency plan has been prepared and implemented in coordination with National Disaster Management Authority. A seismic monitoring station has been established. |
| 6.1 | Funding | | | | |
| 6.1.10 | Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | Some portions of World Heritage Strategy for Capacity Building are adopted at the property. The state party has its own policy and strategy for the Capacity Building. | None. | Archaeological Survey of India, Ministry of Culture, Government of India. | The state party has sustainable strategy for the Capacity Development which includes all the stakeholders and related tangible and intangible heritage. |

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 property is properly maintained, managed, and monitored under the Archaeological Survey of India. However, more frequent monitoring can further improve 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 | Very positive |
| Recognition | Very positive |
| Education | Very positive |
| Infrastructure development | Very positive |
| Funding for the property | Very positive |
| International cooperation | Very positive |
| Political support for conservation | Very positive |
| Legal/Policy framework | Very positive |
| Advocacy | Very positive |
| Institutional coordination | Very positive |
| Security | Very positive |
| Gender equality | Very positive |
| Provision of ecosystem services/ benefits to local communities | Very 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

The overall impact is positive and has enhanced the conservation and preservation approach at the site. Conservation of monuments, research, management, and quality of life for locals have improved. Funding, advocacy, and public support have also been positively affected.

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 |

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

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

The data will be used for the better preservation of the property and to provide amenities to the visitors. The data will also be helpful to raise awareness for its protection.

15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

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

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

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

Yes

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

32 / 5 / 7 /

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

Before the exercise at least one day work shop would be beneficial to the professionals who joined the field recently.

15.5. Training and Guidance

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

| | |
|--------------------------------------|------------|
| UNESCO World Heritage Centre | Fair |
| UNESCO (other sectors/field offices) | Good |
| UNESCO National Commission | No support |
| ICOMOS International | No support |
| IUCN International | No support |

| | |
|-------------------------------|------------|
| ICCROM international/regional | No support |
| ICOMOS national/regional | No support |
| IUCN national/regional | No support |

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

| | |
|---|----------------|
| UNESCO World Heritage Centre | Fair |
| 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 |

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?

No comments.

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

Some questions/sections may be more applicable to certain sites than others. In such cases, the questionnaire could be made more site-specific.

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