

Sukur Cultural Landscape

1. World Heritage Property Data

1.1 - Name of World Heritage property

Sukur Cultural Landscape

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|--------------------------|-----------------|---------------|------------------|------------|------------------|
| Sukur Cultural Landscape | 10.741 / 13.572 | 764.4 | 1.178 | 765.578 | 1999 |
| Total (ha) | | 764.4 | 1.178 | 765.578 | |

1.4 - Map(s)

| Title | Date | Link to source |
|---|------|---|
| Sukur Cultural Landscape. Map showing the nominated property. Scale 1:50000 | 1998 |  |

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

1. [Sukur: a culture of the Mandara mountains](#)

Comment

www.sukur@ncmm.org www.sukur cultural landscape.com

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 comment

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?

Yes

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)

The site Manager collaborates with focal persons of other programs whenever an activity that requires collaboration arises, but there is no established platform for regular consultations.

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

Not aware

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

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

Not aware

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

Sukur is located in Madagali local government area of Adamawa state of Nigeria along Nigeria/ Cameroon border, some 290 km from Yola, the Adamawa state capital of north eastern Nigeria. It is a hilltop settlement which stood at an elevation of 1045 m. The total land area covered by the site is 1942.50 ha with core zone having 764.40 ha and the buffer zone 1178.10 ha respectively. Sukur is an ancient settlement with a recorded history of iron smelting technology, flourishing trade, and strong political institution dating back to the 16th century.

The landscape is characterized by terraces on the farmlands, dry stone structures and stone paved walkways. The terraced landscape at Sukur with its hierarchical structure and combination of intensive and extensive farming is remarkable. In addition, it has certain exceptional features that are not to be found elsewhere, notably the use of paved tracks and the spiritual content of the terraces, with their ritual features such as sacred trees.

The revered position of the Hidi as the political and spiritual head of the community is underscored by the magnificent dry stone architectural work of his palace, in and around which is a concentration of shrines, some ceramic. The villages situated on low lying ground below the Hidi Palace have their own characteristic indigenous architecture. Among its features are dry stone walls, used as social markers and defensive enclosures, sunken animal (principally bull) pens, granaries, and threshing floors. Groups of mud walled thatched roofed houses are integrated by low stone walls. Of considerable social and economic importance are the wells. These are below-ground structures surmounted by conical stone structures and surrounded by an enclosure wall. Within the compound are pens where domestic animals such as cattle and sheep are fattened, either for consumption by the family or for use as prestige and status symbols used in gift and marriage exchanges.

The remains of many disused iron-smelting furnaces can still be found. These shaft-type furnaces, blown with bellows, were usually sited close to the houses of their owners. Iron production involved complex socio-economic relationships and there was a considerable ritual associated with it.

Criterion (iii): Sukur is an exceptional landscape that graphically illustrates a form of land-use that marks a critical stage in human settlement and its relationship with its environment.

Criterion (v): The cultural landscape of Sukur has survived unchanged for many centuries, and continues to do so at a period when this form of traditional human settlement is under threat in many parts of the world.

Criterion (vi): The cultural landscape of Sukur is eloquent testimony to a strong and continuing spiritual and cultural tradition that has endured for many centuries.

Integrity

The boundary contains all the key elements of the cultural landscape.

The traditional terraced system of agriculture and its associated ritual systems are still flourishing. However, the traditional buildings are vulnerable to changes in materials and techniques – particularly the thatched roofs that require frequent maintenance.

Authenticity

The key features of the cultural landscape have not been significantly modified since they were laid down. The way in which they have been maintained since that time has been in traditional form using traditional materials and techniques.

The cultural components are still actively present among the community since they are part of their living culture. The stone structures in form of houses, farm terraces and walkways still remain the most distinct feature of Sukur landscape. The regular observance of festivals and ceremonies are evidence of cultural continuity. These events have become more attractive due to the involvement of local and state governments.

Protection and management requirements

The Sukur Cultural Landscape is a National Monument as determined by the Joint Instrument of Federal Decree No. 77 of 1979 (now NCMM ACT, Cap 242 of 2000) and the subsequent legal authority of the Adamawa State Government as in Gazette No. 47 Vol. 7 of 20 November 1997, and the written consent of the Hidi-in-Council.

In 1998, the Madagali Local Government, the Sukur Development Association, the State Council for Arts and Culture, and Adamawa State Government have agreed to work with the National Commission for Museums and Monuments towards the development of a sustainable preservation and cultural education programme.

In February 2010, the Minister of Culture, Tourism and National Orientation inaugurated a Management Committee. Integrating customary law and Nigeria's decree No. 77 of 1979, the Site Management Plan for the period 2006-2011 is being used by the Committee as the guiding principle for site conservation, management and protection.

Since inscription in 1999, all physical remains have been properly conserved by the National Commission for Museums and Monuments in collaboration with Sukur community. Annual restoration work has been carried out using traditional construction materials. Along with shrines and other sacred places, the Hidi Palace Complex is properly maintained because they are currently in use.

Domestic farmlands are continually being expanded with the creation of stepped level benches adapted to hill farming. The age long tradition of communal labour is still used to maintain paved walkways, gates, graveyards, homesteads and house compounds.

Comment

The monumental structures in the Hidi's palace and the palace square are regularly maintained by the National Commission for Museums and Monuments along with sacred sites but the traditional homesteads characterized by round huts and thatch roofs are giving way to square structures with corrugated iron sheets. This may be due to scarcity of thatches as most of the landscape are becoming farmlands due to over crowding or the durability of the corrugated iron sheets over vulnerable grass thatches

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 | pathways and cultural trails | | × | | |
| 3.2.2 | Terraced domesticated farmlands | × | | | |
| 3.2.3 | Vernacular architecture and home compounds | | × | | |
| 3.2.4 | Traditional Iron smelting technology | | | | × |
| 3.2.5 | Cultural and spiritual traditions | × | | | |

| | | | | | |
|--------|--|---|---|--|--|
| 3.2.6 | Sacred sites, Burrial grounds and festival grounds | × | | | |
| 3.2.7 | Dry Stone architecture symbolised by the Hidi Palace | × | | | |
| 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 attributes in the Hidi's palace, the palace square and sacred sites are still preserved. The restoration work carried out at the site in 2018/2019 remained intact. The community homesteads and vernacular structures were compromised by using corrugated iron sheets instead of thatches especially by the lowland communities that had migrated to the hilltop for safety. In addition, cultural festivals, spiritual and cultural traditions are preserved along with diffused religious norms.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (09/07/2010):

- Not relevant

| | |
|----------|---|
| Relevant | × |
|----------|---|

4.1.2 - Commercial development

Previous answer Cycle 2 (09/07/2010):

- Not relevant

| | |
|----------|---|
| Relevant | × |
|----------|---|

4.1.3 - Industrial areas

Previous answer Cycle 2 (09/07/2010):

- Not relevant











| | |
|----------|---|
| Relevant | × |
|----------|---|

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Potential, Outside

| | |
|---|--------------|
| × | Not relevant |
|---|--------------|











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

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Potential, Outside

| | |
|---|--------------|
| × | 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

Most of these factors in this section does not apply here and those that apply have positive impact both to the living community and to the promotion of the site for tourism. Most of the infrastructural development are outside the core area.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Current, 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 (09/07/2010):

- Not relevant

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

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.2.5 - Effects arising from use of transportation infrastructure

| | |
|----------|----------------|
| 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

The proposed projects listed here are those with potential positive impact. The use of road transportation around the property is of positive impact because it aid accessibility to the site and promote socio economic activities which addresses poverty level amongst members of the community. The road transport is outside the core area and therefore does not affect the attributes with outstanding universal values.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Potential, Outside

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

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.3.4 - Localised utilities

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

4.3.5 - Major linear utilities

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

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

Not relevant

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

4.4.2 - Ground water pollution

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

4.4.3 - Surface water pollution

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

Relevant

✕ Not relevant

4.4.4 - Air pollution

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

Relevant

✕ Not relevant

4.4.5 - Solid waste

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

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

Only solid waste of litter is occassional.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (09/07/2010):

- Not relevant

Relevant

✕ Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.5.3 - Land conversion

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | ✕ | | ✕ | | | | ↗ |

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | ✕ | | | | ↗ |

4.5.5 - Crop production

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Current, Inside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive ✕ | ✕ | | ✕ | | | | ↗ |
| 🔴 Negative | | | | | | | |

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive ✕ | ✕ | | ✕ | | | → | |
| 🔴 Negative ✕ | ✕ | | ✕ | | | → | |

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive ✕ | ✕ | | | | | → | |
| 🔴 Negative ✕ | ✕ | | ✕ | | | → | |

4.5.8 - Commercial hunting

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

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

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

4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (09/07/2010):

- 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

Harvesting of plants for medicinal and as source of energy are have some negative impact as in deforestation while subsistence and commercial hunting though on a very limited scale, further deplete the already low number of wild life.

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.6.2 - Quarrying

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.6.3 - Oil and gas

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.6.4 - Water (extraction)

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Current, Inside

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

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

Water extraction is necessary to provide water for lively hood as water is a scarce in the zone.

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Outside

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

4.7.2 - Relative humidity

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.7.3 - Temperature

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

4.7.4 - Radiation/Light

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.7.5 - Dust

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Current, Inside

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

4.7.7 - Pests

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.7.8 - Micro-organisms

Previous answer Cycle 2 (09/07/2010):

- Relevant, Positive, Current, Inside

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

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

the community depend on rain water for their livelihood so good water table has very positive impact even though it causes soil erosion on the landscape which affects physical attributes and sacred sites. Impact of micro organisms are mainly due to poor hygiene.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (09/07/2010):

- 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 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

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

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

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

Because of low record of tourism its impact is also low but there are growing tendencies from outside including migration and modernization that has a changing effect on the values of people and how they relate with the landscape .

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.9.3 - Military training

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.9.4 - War

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.9.5 - Terrorism

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔨 Potential | 📍 Inside | 🌐 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| ➕ Positive | | | | | | | |
| ➖ Negative ✕ | | ✕ | | ✕ | ↘ | | |

4.9.6 - Civil unrest

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔨 Potential | 📍 Inside | 🌐 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| ➕ Positive | | | | | | | |
| ➖ Negative ✕ | ✕ | ✕ | | ✕ | | → | |

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

Terrorism and civil unrest originated from outside due to the activities of Boko Haram which has affected the peaceful lifestyle of people in the entire region.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Outside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔨 Potential | 📍 Inside | 🌐 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| ➕ Positive | | | | | | | |
| ➖ Negative ✕ | ✕ | | | ✕ | | → | |

4.10.2 - Flooding

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔨 Potential | 📍 Inside | 🌐 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| ➕ Positive | | | | | | | |
| ➖ Negative ✕ | ✕ | | ✕ | | | | ↗ |

4.10.3 - Drought

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | | | | Not relevant | | | |
|--------------|-----------|-------------|----------|--------------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | | ✕ | | | ↗ |

4.10.4 - Desertification

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | | | | Not relevant | | | |
|--------------|-----------|-------------|----------|--------------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | | ✕ | | | ↗ |

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.10.6 - Temperature change

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | | | | Not relevant | | | |
|--------------|-----------|-------------|----------|--------------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | | ✕ | | | ↗ |

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | | | | Not relevant | | | |
|--------------|-----------|-------------|----------|--------------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | | ✕ | | | ↗ |

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

Climate changes brings desertification and drought which causes degradation of the landscape and the biodiversity. At other times when the area experience excess rainfall it causes serious erosion which effects some spaces of the heritage sites.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.11.2 - Earthquake

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Inside

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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | Not relevant | | | | | | |
|--------------|--------------|-------------|----------|-----------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | ✕ | | | | ↗ |

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Current, Inside

| ✕ Relevant | Not relevant | | | | | | |
|--------------|--------------|-------------|----------|-----------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | ✕ | | ✕ | | ↘ | | |

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

The geological and ecological events on the landscape are not experienced now. On the other hand, soil erosion brings about havoc and damages to lives and properties along with bush fires which continues to ravage the ecosystem.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (09/07/2010):

- Relevant, Negative, Potential, Outside

| ✕ Relevant | Not relevant | | | | | | |
|--------------|--------------|-------------|----------|-----------|-----------------|----------|--------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | 🔥 Current | 🔥 Potential | 📍 Inside | 📍 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| 🟢 Positive | | | | | | | |
| 🔴 Negative ✕ | | ✕ | ✕ | | | | ↗ |

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (09/07/2010):

- Relevant, Potential, Outside

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

| | Impact | | Origin | | Trend of impact | | |
|--------------|-----------|-------------|----------|-----------|-----------------|----------|--------------|
| Impact | 🔥 Current | 🔨 Potential | 📍 Inside | 🌐 Outside | ↘ Decreasing | → Stable | ↗ Increasing |
| ➕ Positive ✕ | | ✕ | | ✕ | ↘ | | |
| ➖ Negative | | | | | | | |

4.12.6 - Modified genetic material

Previous answer Cycle 2 (09/07/2010):

- 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

Introduction of high yield crops have both negative and positive impacts on the landscape as it provides more grains with better yields but dependent on the use of chemical fertilizers and pesticides thus changing the natural content of the landscape.

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 (09/07/2010):

- Relevant, Positive, Potential, 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 (09/07/2010):

- Relevant, Positive, Potential, Outside

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (09/07/2010):

- Not relevant

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

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

On management, governance and human resources, the impact are positive because a participatory management system involving representatives from the three tiers of government and the host community constitute the management committee which was put in place in 2010. For financial resources paucity of funds is hampering planned development activities.

4.14. Other factor(s)

4.14.1 - Other factor(s)

Changes of political actors often affects the fate of development projects on the site.

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

| Name | Impact | | | Origin | | Trend |
|---|--------|--|--|--------|--|-------|
| 4.1 Buildings and Development | | | | | | |
| 4.1.4 Major visitor accommodation and associated infrastructure | | | | | | |
| | | | | | | |
| 4.1.5 Interpretative and visitation facilities | | | | | | |
| | | | | | | |
| 4.2 Transportation Infrastructure | | | | | | |
| 4.2.1 Ground transport infrastructure | | | | | | |
| | | | | | | |
| 4.4 Pollution | | | | | | |
| 4.4.5 Solid waste | | | | | | |
| | | | | | | |
| 4.5 Biological resource use/modification | | | | | | |
| 4.5.3 Land conversion | | | | | | |
| | | | | | | |
| 4.5.4 Livestock farming/Grazing of domesticated animals | | | | | | |
| | | | | | | |
| 4.5.5 Crop production | | | | | | |
| | | | | | | |
| 4.5.6 Commercial wild plant collection | | | | | | |
| | | | | | | |
| 4.5.7 Subsistence wild plant collection | | | | | | |
| | | | | | | |
| 4.5.8 Commercial hunting | | | | | | |
| | | | | | | |
| 4.5.9 Subsistence hunting | | | | | | |
| | | | | | | |
| 4.6 Physical resource extraction | | | | | | |
| 4.6.4 Water (extraction) | | | | | | |
| | | | | | | |
| 4.7 Local conditions affecting physical fabric | | | | | | |
| 4.7.1 Wind | | | | | | |
| | | | | | | |
| 4.7.2 Relative humidity | | | | | | |
| | | | | | | |
| 4.7.3 Temperature | | | | | | |
| | | | | | | |
| 4.7.4 Radiation/Light | | | | | | |
| | | | | | | |
| 4.7.5 Dust | | | | | | |
| | | | | | | |






| | | | | | | |
|--|--|--|--|--|--|--|
| 4.7.6 Water (rain/water table) | | | | | | |
| 4.7.7 Pests | | | | | | |
| 4.7.8 Micro-organisms | | | | | | |
| 4.8 Social/Cultural uses of heritage | | | | | | |
| 4.8.1 Ritual/Spiritual/Religious and associative uses | | | | | | |
| 4.8.2 Society's valuing of heritage | | | | | | |
| 4.8.3 Indigenous hunting, gathering and collecting | | | | | | |
| 4.8.4 Changes in traditional ways of life and knowledge system | | | | | | |
| 4.8.5 Identity, social cohesion, changes in local population and community | | | | | | |
| 4.9 Other human activities | | | | | | |
| 4.9.2 Deliberate destruction of heritage | | | | | | |
| 4.9.5 Terrorism | | | | | | |
| 4.9.6 Civil unrest | | | | | | |
| 4.10 Climate change and severe weather events | | | | | | |
| 4.10.1 Storms | | | | | | |
| 4.10.2 Flooding | | | | | | |
| 4.10.3 Drought | | | | | | |
| 4.10.4 Desertification | | | | | | |
| 4.10.6 Temperature change | | | | | | |
| 4.10.7 Other climate change impacts | | | | | | |
| 4.11 Sudden ecological or geological events | | | | | | |
| 4.11.5 Erosion and siltation/Deposition | | | | | | |
| 4.11.6 Fire (wildfire) | | | | | | |

| | | | | | | |
|---|--|--|--|--|--|--|
| 4.12 Invasive/alien species or hyper-abundant species | | | | | | |
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| | | | | | | |
| 4.12.5 Hyper-abundant species | | | | | | |
| | | | | | | |
| 4.13 Management and institutional factors | | | | | | |
| 4.13.1 Management system/Management plan | | | | | | |
| | | | | | | |
| 4.13.2 Legal framework | | | | | | |
| | | | | | | |
| 4.13.3 Governance | | | | | | |
| | | | | | | |
| 4.13.4 Management activities | | | | | | |
| | | | | | | |
| 4.13.5 Financial resources | | | | | | |
| | | | | | | |
| 4.13.6 Human resources | | | | | | |
| | | | | | | |
| 4.13.7 Low impact research/monitoring activities | | | | | | |
| | | | | | | |
| 4.13.8 High impact research/monitoring activities | | | | | | |
| | | | | | | |
| Legend Current Potential Negative Positive Inside Outside | | | | | | |

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development





| Name | | Impact | | | Origin | | Trend |
|---|--------------------------|---|--|---|--------|---|---|
| 4.1.4 Major visitor accommodation and associated infrastructure | |  | |  | |  |  |
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
|  | Restricted | | | | | | |
| | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurence of the impact | | | | | | | |
|  | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |

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

| Name | Impact | | | Origin | Trend |
|--|--------|--|---|--------|-------|
| 4.1.5 Interpretative and visitation facilities | + | | 📢 | 🔄 | ➡️ |
| | | | | | |

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

4.2 Transportation Infrastructure

| Name | Impact | | | Origin | | Trend |
|---------------------------------------|---|---|--|--------|---|---|
| 4.2.1 Ground transport infrastructure |  |  | | |  |  |
| | | | | | | |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

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



Management response - Capacity of management to respond

| | |
|-------------------------------------|--------------------------------|
| | High capacity |
| <input checked="" type="checkbox"/> | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |

Trend - Development over the last 6 years

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

4.4 Pollution

| Name | Impact | | | Origin | | Trend |
|-------------------|---|---|--|---|--|---|
| 4.4.5 Solid waste | | | | | | |
| |  |  | |  | |  |

Spatial scale - Area affected by the factor





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

Temporal scale - Occurrence of the impact

| | |
|--|-----------------|
| | One off or rare |
|--|-----------------|





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

4.5 Biological resource use/modification

| Name | Impact | | | Origin | | Trend |
|-----------------------|---|---|--|---|--|---|
| 4.5.3 Land conversion | | | | | | |
| |  |  | |  | |  |

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

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

| Name | Impact | | | Origin | | Trend |
|---|---|--|---|---|--|---|
| 4.5.4 Livestock farming/Grazing of domesticated animals | | | | | | |
| |  | |  |  | |  |




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

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

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

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

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

| Name | Impact | | | Origin | | Trend |
|-----------------------|---|---|--|---|--|---|
| 4.5.5 Crop production |  |  | |  | |  |
| | | | | | | |

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




| Temporal scale - Occurrence of the impact | |
|---|--|
|---|--|

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

| Name | Impact | | | Origin | | Trend |
|--|--------|--|--|--------|--|-------|
| 4.5.6 Commercial wild plant collection | | | | | | |
| | | | | | | |

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

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

| Name | Impact | | | Origin | | Trend |
|---|---|---|--|---|--|---|
| 4.5.7 Subsistence wild plant collection |  |  | | | |  |
| |  |  | |  | |  |




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

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

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

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





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

| Name | Impact | | | Origin | | Trend |
|--------------------------|---|--|---|---|--|---|
| 4.5.8 Commercial hunting | | | | | | |
| |  | |  |  | |  |

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

| Temporal scale - Occurrence of the impact | |
|---|--|
|---|--|




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

| Name | Impact | | | Origin | | Trend |
|---------------------------|---|---|--|---|--|---|
| 4.5.9 Subsistence hunting | | | | | | |
| |  |  | |  | |  |

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

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

4.6 Physical resource extraction

| Name | Impact | Origin | Trend |
|--------------------------|---|---|---|
| 4.6.4 Water (extraction) |   |  |  |
| | | | |

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



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

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

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

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

4.7 Local conditions affecting physical fabric

| Name | Impact | Origin | Trend |
|------------|---|---|-------|
| 4.7.1 Wind |   |  | |





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

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

| Name | Impact | | | Origin | | Trend |
|-------------------------|--------|--|---|--------|--|-------|
| 4.7.2 Relative humidity | | | | | | |
| | ⊖ | | 📢 | 🕒 | | ➡ |

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

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

| Name | Impact | Origin | Trend |
|-------------------|---|---|---|
| 4.7.3 Temperature |   |  |  |
| | | | |





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

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

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





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

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

| Name | Impact | Origin | Trend |
|-----------------------|---|---|---|
| 4.7.4 Radiation/Light |   |  |  |
| | | | |





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

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

| Name | Impact | | | Origin | | Trend |
|------------|---|--|---|--------|---|---|
| 4.7.5 Dust | | | | | | |
| |  | |  | |  |  |

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

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

| Name | Impact | Origin | Trend |
|--------------------------------|---|---|---|
| 4.7.6 Water (rain/water table) |   |  |  |
| | | | |





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

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

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





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

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

| Name | Impact | Origin | Trend |
|-------------|---|---|---|
| 4.7.7 Pests |   |  |  |

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





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

| Name | Impact | | | Origin | | Trend |
|-----------------------|---|---|--|---|--|---|
| 4.7.8 Micro-organisms |  |  | |  | |  |
| | | | | | | |

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

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

4.8 Social/Cultural uses of heritage

| Name | Impact | Origin | Trend |
|---|---|---|---|
| 4.8.1 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 |
|-------------------------------------|---|---|---|
| 4.8.2 Society's valuing of heritage |   |  |  |



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

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

| Name | Impact | | | Origin | | Trend |
|--|--------|--|---|--------|--|-------|
| 4.8.3 Indigenous hunting, gathering and collecting | | | | | | |
| | ⊖ | | 📌 | 🌐 | | ↗️ |

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





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

| Name | Impact | Origin | Trend |
|--|---|---|---|
| 4.8.4 Changes in traditional ways of life and knowledge system | | | |
| |  |  |   |

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

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

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

| Name | Impact | Origin | Trend |
|--|---|---|---|
| 4.8.5 Identity, social cohesion, changes in local population and community | | | |
| |  |   |  |

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

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

4.9 Other human activities

| Name | Impact | | | Origin | | Trend |
|--|--------|--|--|--------|--|-------|
| 4.9.2 Deliberate destruction of heritage | | | | | | |
| | | | | | | |

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

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

| Name | Impact | Origin | Trend |
|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 4.9.5 Terrorism | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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

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





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

| Name | Impact | Origin | Trend |
|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 4.9.6 Civil unrest | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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





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

4.10 Climate change and severe weather events

| Name | Impact | | | Origin | | Trend |
|---------------|---|---|--|--------|---|---|
| 4.10.1 Storms | | | | | | |
| |  |  | | |  |  |

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

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

| Name | Impact | Origin | Trend |
|-----------------|---|---|---|
| 4.10.2 Flooding | | | |
| |   |  |  |




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

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





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

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

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





| Name | Impact | Origin | Trend |
|----------------|---|---|---|
| 4.10.3 Drought | | | |
| |   |  |  |

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

| Name | Impact | | | Origin | | Trend |
|------------------------|---|--|---|--------|---|---|
| 4.10.4 Desertification | | | | | | |
| |  | |  | |  |  |

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

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



| Name | Impact | Origin | Trend |
|---------------------------|---|---|-------|
| 4.10.6 Temperature change | | | |
| |   |   | |

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

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

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

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

| Name | Impact | Origin | Trend |
|-------------------------------------|---|---|-------|
| 4.10.7 Other climate change impacts | | | |
| |   |   | |





| 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 |
|---|--------|--|--|--------|--|-------|
| 4.11.5 Erosion and siltation/Deposition | | | | | | |
| | | | | | | |

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

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

| Name | Impact | | | Origin | | Trend |
|------------------------|---|---|--|---|--|---|
| 4.11.6 Fire (wildfire) | | | | | | |
| |  |  | |  | |  |

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

4.12 Invasive/alien species or hyper-abundant species

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

| | | | | | | |
|---|--|--|--|--|--|--|
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| | | | | | | |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

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

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

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

| Name | Impact | | | Origin | | Trend |
|-------------------------------|--------|--|--|--------|--|-------|
| 4.12.5 Hyper-abundant species | | | | | | |
| | | | | | | |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact





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

Impact - Impact on the attributes

| | |
|--|---------------|
| | Insignificant |
|--|---------------|

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

4.13 Management and institutional factors

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

| | |
|--|--------------------------------|
| 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 | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |

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

| Name | Impact | Origin | Trend |
|------------------------------|---------------------------------------|--------------------------------------|--------------|
| 4.13.4 Management activities | <div>+</div> <div>🚩</div> <div></div> | <div>🕒</div> <div></div> <div></div> | <div>➡</div> |
| | | | |

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

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

| | | | | | | |
|----------------------------|---|--|---|--|---|---|
| 4.13.5 Financial resources |  | |  | |  |  |
| | | | | | | |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes





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

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

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

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

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

| | |
|--|---------------|
| | Insignificant |
|--|---------------|

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

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

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

| Name | Impact | | | Origin | Trend |
|---|--------|--|--|--------|-------|
| 4.13.8 High impact research/monitoring activities | | | | | |

| | | | | | | | | | | |
|--|--------------------------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | | | | |
| | Restricted | | | | | | | | | |
| | Localised | | | | | | | | | |
| X | Extensive | | | | | | | | | |
| | Widespread | | | | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | | | | |
| | One off or rare | | | | | | | | | |
| | Intermittent or sporadic | | | | | | | | | |
| X | Frequent | | | | | | | | | |
| | On-going | | | | | | | | | |
| Impact - Impact on the attributes | | | | | | | | | | |
| | Insignificant | | | | | | | | | |
| | Minor | | | | | | | | | |
| X | Significant | | | | | | | | | |
| | Major | | | | | | | | | |
| Management response - Capacity of management to respond | | | | | | | | | | |
| X | High capacity | | | | | | | | | |
| | Medium capacity | | | | | | | | | |
| | Low capacity | | | | | | | | | |
| | No capacity and / or resources | | | | | | | | | |
| Trend - Development over the last 6 years | | | | | | | | | | |
| | Decreasing | | | | | | | | | |
| | Static | | | | | | | | | |
| X | 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 | Paved stone walkways | X | | | |
| 4.18.1.2 | Hidi palace. | X | | | |
| 4.18.1.3 | Terraced domesticated farmland. | X | | | |
| 4.18.1.4 | Cultural festivals. | X | | | |
| 4.18.1.5 | Vernacular architecture. | | X | | |

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

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

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

The buffer zones of the World Heritage property **are known and recognised by 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 property had been mapped out properly of which the core area has 764.40ha, while the buffer zone has 1178.10ha. The maps were incorporated into the management plan to which the management and the host community has copies to adhere with collective decisions, ideas and action plan for effective conservation and management of the property. The property has enough buffer zone to give protection to the core area and all stakeholders are properly sensitized to know the attributes and the OUV

5.2. Protective Measures

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

The Nigeria's Decree 77 of 1979 provide a legal status for National Commission for Museums and Monuments to conserve and protect movable and immovable cultural Heritage. The Sukur customary law protects the local cultural Heritage adds an additional protection to the site.

Source: Periodic Reporting Cycle 2

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

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

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?

An **adequate legal framework** in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

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

An **adequate legal framework** exists for the broader setting of the World Heritage property, **but there are some deficiencies in implementation** which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

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

There is **acceptable capacity/resources** to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain

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

The legislation and regulation on the property is more effective and adhered to in the core area than in the buffer zone because in the core area, the community are entirely Sukur people who are committed to the upliftment of their cultural heritage but in the buffer zone, the communities are multi lingual to which other ethnic groups do not give prominence to the Sukur World Heritage Programme.

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

Firstly, sensitization workshop was organised for Teachers, local government officials and community leaders in the area on wise use of heritage. In addition, a management committee was inaugurated with representative from Federal, State, Local Government, Host community and the private sector for a participatory management system. Also, Organizing committee for national yawal festival was set up with representatives from all and sundry to provide inclusive participation and management.

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.

Traditional ways of management recognised by local communities and other specific groups

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

A 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

A participatory management system with a management plan as a working document containing actions plans, major issues, and sharing of responsibilities to achieve success indicators and strategies for faithful implementation of the plan along with the traditional management system is currently in use.

5.3.4 - Management Documents

| Title | Status | Available | Date | Link to source |
|--|----------|-----------|------|---|
| Management Plan for Sukur Cultural Landscape | In Force | Available | 1998 |  |
| Sukur World Heritage Site Management Plan 2017 – 2021 | N/A | Available | 2016 |  |
| Disaster Risk Preparedness Management Plan 2017-2021, Sukur Cultural Landscape | N/A | Available | 2016 |  |

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

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

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

Not applicable

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

Some 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:

Risk preparedness management plan was produced in 2016 and merged with the conservation management of 2017 - 2021 plan to mitigate impact of desertification, windstorm and civil unrest among others.

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

A disaster risk preparedness plan was produced in 2016 and was incorporated into the conservation management plan from 2017 - 2021 for mitigation of natural disaster at the site.

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

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

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

The management system/plan is **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 | private sector and developers | | | | |

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 | antiquity vendors | | | | |

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 management system recognizes the needs of the host community and the benefits they should drive from world heritage. For empowerment, sustainable development, infrastructural development etc are key areas considered by the management to reduce migration to urban centers for solace.

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

The management plan is now a legal document which contain collective ideas, concepts and visions of heritage professionals and non professionals to strategies actions for effective conservation and management of the property. The management plan is also a working document for the participatory management committee to achieve the set target over a period of time.

6. Financial and Human Resources

6.1. Funding

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

| | | Project costs | Running costs |
|---------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.) | 0 % | 0 % |
| 6.1.1.2 | Bilateral international funding | 0 % | 0 % |
| 6.1.1.3 | World Heritage Fund (International Assistance) | 5 % | 0 % |
| 6.1.1.4 | Contribution from other conventions and programmes | 0 % | 0 % |

| | | | |
|----------|--|-------------|-----------|
| 6.1.1.5 | International donations (NGOs, foundations, etc.) | 5 % | 0 % |
| 6.1.1.6 | Governmental (national/federal) | 65 % | 0 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | 10 % | 0 % |
| 6.1.1.8 | Governmental (local/municipal) | 0 % | 0 % |
| 6.1.1.9 | In-country donations (NGOs, foundations, etc.) | 5 % | 0 % |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.) | 0 % | 0 % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 % | 0 % |
| 6.1.1.12 | Other | 10 % | 0 % |
| | | Total 100 % | Total 0 % |

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

The National Commission for Museums and Monuments is the organization that had been providing funds for conservation and management and sometimes the Adamawa state government. But for the last few years, the funds stop coming in and the Financial donations expected from philanthropists and politicians also stopped. However, whenever national yawal festival is to be celebrated financial assistance and donation Are gotten through personal donations.

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

The available **budget is inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

The existing sources of funding are **not secure**

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

For the source of funding to be secure, The National Commission for Museums and Monuments and the Adamawa state government has to reconsider monthly allocation for conservation, management and running cost to restore back action plans and routine activities as laid down in the revised conservation management plan.

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 | 80 % | 70 % |
| 6.1.6.2 | Women | 20 % | 30 % |
| | | 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 | Fair |
| Environmental sustainability | Not available |
| Community participation and inclusion | Good |
| Risk preparedness | Fair |
| Capacity development and education | Fair |
| Administration | Fair |
| Research and monitoring | Good |
| Awareness raising and public information/communication | Fair |
| Marketing and promotion | Fair |
| Interpretation | Good |
| Visitor management/tourism | Good |
| Enforcement (custodians, police) | Fair |

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

| | |
|---------------------------------------|------|
| Conservation | Fair |
| Environmental sustainability | Fair |
| Community participation and inclusion | Good |

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

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

Training and capacity building at this property is **fully based** on 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.

Professional staff had received professional training at the Institute of Archaeology and Museums studies Jos, Workshops and seminars organized by the National Commission for Museums and Monument, UNESCO, ICCROM among others. For the host community, capacity building workshops had been organised by the National Commission for Museums and Monuments on wise use of heritage, fire fighting, risk preparedness, drafting of conservation management plans and even unesco workshops at Ghana, Tanzania etc

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

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

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

Human resources used in the site is a participatory management system involving Federal, State and local governments where each level has calibers of staff in training. The host community are the people who not have any governmental knowledge of managing heritage property. Having understood this and the requirements of UNESCO for effective Site Management, The National Commission for Museums and Monuments coordinates the Management and handle technical and national issues on behalf of the site.

7. Scientific Studies and Research Projects

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

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

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

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

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

Research results **are shared with local communities and some national agencies**

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

Several research works had been carried out at the site and up till now research work is still ongoing but yet there are still some existing gaps because most researchers have different goals and objectives. On this note, I specifically noted this gaps whenever we carry out annual impact assessment on attributes conveying outstanding universal values.

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 | Fair |
| Indigenous peoples | Good |
| Landowners | Good |
| Women | Fair |
| Youth/children | Fair |
| Researchers | Good |
| Local visitors | Poor |
| National/international tourists | Fair |

| | |
|--|------------|
| Tourism industry | Good |
| Local businesses and industries | Fair |
| NGOs | Good |
| Other specific groups | Good |
| If you selected 'Other specific groups', please describe | insurgents |

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

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

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

| |
|-----------------------------|
| Local communities |
| Local/municipal authorities |
| Indigenous peoples |
| Landowners |
| Youth/children |
| Local Visitors |
| Other specific groups |
| Donor agencies |

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 | Fair |
| Printed information materials | Good |
| Online (website, social media, etc.) | Good |
| Transportation facilities | Poor |
| Other | Good |
| If 'Other' is selected, please specify | Documentary |

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

Public enlightenment and awareness is a key objective in the management of the site. From the date of inscription to date, stakeholders and members of the management committee had understood the tenets of a heritage site. The host community on the other hand had been sensitized and had digested fully what community are expected to contribute on conservation, management and protection of the site. For school children and visitors, there is Education Department in the Commission for enlightenment

9. Visitor Management

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

2,754 / 1,127 / 511 / 0 / 0 /

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

| |
|------------------------------|
| Entry tickets and registries |
| Visitor surveys |

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

Overnight stay

9.4 - Please provide the source of information

At the information and interpretation Center, there is a visitor register to record all visitors that visited the Site. The register data is thereafter used to produce visitors statistics monthly, quarterly and annually.

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

40 / 20 / 25 / 10 / 10 / 10 /

9.6 - Please provide the source of information

Duplicate copies of receipts from the information and Interpretation center, lodges and reports of business enterprises.

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 pressure and over population of visitors during the national yawal festival and the other visitors visiting the site for tourism, research or documentary programmes are managed and guided according to the conservation management guidelines. Monthly visitors reports are evaluated by the management committee to provide feed back to the National focal points.

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

Site monitoring and visitor management in the management plan.

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

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

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

The Outstanding Universal Value of the property is **adequately presented and interpreted**

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

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

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

Fees are collected, and make **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Government had provided enabling environment for tourism infrastructural tourism and provision in the management plan.

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

Yes

If 'Yes', please specify

10 % of generated revenue goes to development of community infrastructure like schools, health care etc.

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

Before the insurgent attack of December 2014, tourism activities were at its peak but from that period up to now, tourism activities are beginning to pick up and therefore, records of collecting revenue and other charges from visitors are not yet enforced.

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** but **monitoring of the status of indicators could be improved**

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

| | Extend of indicators | Not applicable | No indicators | Indicators have been defined but are not yet in use | Indicators are in place and in use since the last Periodic Reporting cycle |
|--------|--|----------------|---------------|---|--|
| 10.3.1 | State of conservation | | | | ✗ |
| 10.3.2 | Effectiveness of the management system | | | | ✗ |
| 10.3.3 | Character of governance | | | | ✗ |

| | | | | | |
|--------|--|--|--|--|---|
| 10.3.4 | Appropriate synergy with other conservation designations | | | | × |
| 10.3.5 | Contribution to sustainable development | | | | × |
| 10.3.6 | Capacity development | | | | × |

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

The state of conservation, effective management system, effective monitoring and synergy with other stakeholders are well defined and they are in place for implementation of the 1972 convention. and sustenance of the outstanding universal value.

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

| | |
|---|------------------------|
| World Heritage managers/coordinators and staff | Good |
| Local/municipal authorities | Poor |
| Local communities | Fair |
| Indigenous peoples | Fair |
| Landowners | Fair |
| Women | Poor |
| Researchers | Fair |
| Tourism industry | Fair |
| Local businesses and industry | Fair |
| NGOs | Fair |
| Other specific groups | Good |
| If you selected 'Other specific groups', please specify | Monument support Group |

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.

The decision of the Committee on reactive monitoring is taken seriously into consideration and the implementation is on the way. Already restoration work in the Hidi's palace and the palace square had been completed through international Assistance from UNESCO. In addition, wells had been provided for the new settlement and other areas suffering from water scarcity. Cultural festivals and ceremonies along with socio economic activities are flourishing now.

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

Site monitoring has been embedded on the conservation management plan and monthly report are being prepared for evaluation and presentation as feedback to the Focal Point.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

| | | |
|--------|---|---|
| 5.2 | Protective Measures | |
| 5.2.4 | An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | |
| 5.2.5 | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | × |
| 5.2.6 | There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain | |
| 5.3 | Management System/Management Plan | |
| 5.3.7 | Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | |
| 5.3.9 | Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | × |
| 5.3.11 | There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved | |
| 6.1 | Funding | |
| 6.1.3 | The available budget is inadequate for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property | |
| 6.1.4 | Existing sources of funding are not secure | |
| 6.1.12 | A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff | |
| 7 | Scientific Studies and Research Projects | |

| | | |
|------|---|---|
| 7.2 | There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value | |
| 8 | Education, Information and Awareness Building | |
| 8.2 | There is a planned education and awareness programme for children and/or youth but it only partly meets the needs | X |
| 10 | Monitoring | |
| 10.2 | Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved | |

Please select 7 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

| | | | | | | | | |
|--------|---|---|--|---|--------------------|---|--|--|
| 4.5 | Biological resource use/modification | | | | | | | |
| 4.5.3 | Land conversion | | | | | | | |
| 4.5.4 | Livestock farming/Grazing of domesticated animals | criteria 5. It affects Domesticated landscape, sacred sites and biodiversity | Degradation of the landscape, biodiversity and sacred sites | Host community through and local vigilante | All the year round | Host community headed by the local vigilante | Over grazing have negative impact to the landscape by ravaging the biodiversity and sacred sites. | |
| 4.7 | Local conditions affecting physical fabric | | | | | | | |
| 4.7.1 | Wind | Criteria 5 It affects homesteads, monumental structures and sacred places | Degradation and desertification of the landscape | Host community and management committee | All the year round | Host community and the National Commission for Museums and Monuments | Wind emanets from either rain or trade across the sahara which blows away and ravages community homesteads and monumental structures on the high plateau | |
| 4.7.4 | Radiation/Light | | | | | | | |
| 4.7.7 | Pests | | | | | | | |
| 4.8 | Social/Cultural uses of heritage | | | | | | | |
| 4.8.2 | Society's valuing of heritage | Criteria 6. It affects Cultural festivals, ritual rites and religion | Foreigners, researchers and tourists are responsible for diffusion of new norms, values and dressing | Host community and management committee | All the year round | Host Community and the National Commission for Museums and Monuments | The matter is of negative impact because foreign norms and practices are being introduced and adopted by the community especially the youths. | |
| 4.10 | Climate change and severe weather events | | | | | | | |
| 4.10.3 | Drought | Criteria 5. Vernacular homesteads and Terraced farmlands | Degradation of plants, biodiversity and low agricultural produce. | Host community and the management committee | Annually | Local community and the National Commission for Museums and Monuments | The monitoring is aimed at making preparations to mitigate severe effects of the drought on the landscape. | |
| 4.10.4 | Desertification | Criteria 5. It affects Domesticated farmlands, Biodiversity and vernacular architecture | Degradation of plants, biodiversity and farmlands | NCMM and host community | Annually | Sukur Community and the National Commission for Museums and Monuments | The action is aimed at making preparations to mitigate severe effects | |
| 4.10.6 | Temperature change | | | | | | | |

| | | | | | | | |
|--------|------------------------------|--|--|--|--|--|--|
| 4.10.7 | Other climate change impacts | | | | | | |
|--------|------------------------------|--|--|--|--|--|--|

Question not completed

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

| 5.2 | Protective Measures | | | | |
|--------|---|---|----------------------|---|--|
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment |
| 5.2.5 | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | Host Community | All the year round | Host community | Non adherence to the delineation and terms of protection especially the host community at the buffer zone. |
| 5.3 | Management System/Management Plan | | | | |
| 5.3.9 | Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | Management Committee | Annually | Management Committee | Integration of risk preparedness into the conservation management plan to reduce natural hazards. |
| 5.3.17 | | Management Committee | One year | Management Committee | Giving equal opportunities for all people on matters arising. |
| 8 | Education, Information and Awareness Building | | | | |
| 8.2 | There is a planned education and awareness programme for children and/or youth but it only partly meets the needs | National Commission for Museums and Monuments | Quarterly every year | National Commission for museums and Monuments | Paucity of funds reduced the number of schools or target audience. |

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 are being **partially degraded** but the state of conservation of the World Heritage property has **not been significantly impacted**

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

The attributes conveying values and others which were affected by the insurgent attack had been restored properly without significant modification to maintain state of integrity.

13. Impact of World Heritage Status

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

| | |
|---|---|
| Conservation | Positive |
| Research and monitoring | Very positive |
| Management effectiveness | Very positive |
| Quality of life for local communities and indigenous peoples | Positive |
| Recognition | Positive |
| Education | No impact |
| Infrastructure development | Positive |
| Funding for the property | No impact |
| International cooperation | No impact |
| Political support for conservation | No impact |
| Legal/Policy framework | Very positive |
| Advocacy | Very positive |
| Institutional coordination | Positive |
| Security | Positive |
| Gender equality | No impact |
| Provision of ecosystem services/ benefits to local communities | Positive |
| Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status | Positive |
| Fostering inclusive local economic development and enhancing livelihood | Positive |
| Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties | Positive |
| Other | Positive |
| If 'Other', please specify | Relationship with neighboring communities |

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

The World Heritage property had brought about socio economic activities, government commitment to develop infrastructure and brought together cultural institutions with heritage professionals to work in harmony and establishing cordial relationship. The Heritage property had also impacted positive transformation of the host community through economic empowerment and social change. Sukur as a heritage property had given recognition to Adamawa state among the 36 states of the federation.

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

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

1. Integration of traditional conservation with modern conservation system. The use of local artisans and local raw materials for restoration work and the traditional skills used in dry stone buildings to maintain state of authenticity and integrity is so exceptional that the site can be reckon with. The Hidi's palace had been maintained by community since 16th century A.D using the traditional methods of raw materials. 2. Participatory management system and integration of traditional management system. The participatory management system adopted at the site where government representatives comes, that is the Federal, State and local governments in partnership with stakeholders from host community, private sector and Non governmental organizations using the management plan for the management system. 3. Site monitoring and surveillance by the local vigilante and the community members themselves is so wonderful that they dedicate their time and energy to secure the property. 4. Research and documentation :- A lot of scholars had shown and had undertaken researches in different fields and in different capabilities. These researches helped in great measure to bridge the gaps that are still existing.

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

| |
|-----------------------|
| Synergies |
| State of Conservation |
| Management |
| Capacity Building |

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

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

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

| | |
|--|------|
| State Party | Fair |
| Site Managers | Fair |
| 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 |
| Fundraising |
| Awareness raising |
| Advocacy |
| Other |
| Lobby for political will |

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

The data had brought out strength and weakness associated with the property. For that reason, efforts and concentration should be focused on funding for conservation and management, monitoring and lobbying in order to have maximum support and ability to have sustainability.

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 |
| Focal points of other international conventions/programmes |
| Responsible persons for local designated sites under other international conventions/ programmes |
| Staff from other World Heritage properties |
| Local communities |
| Indigenous people |
| Other specific groups |
| Stakeholders |
| Non-Governmental Organizations |
| External experts |
| Donors |
| Other |
| private sector investors |

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

Gender balance has been **explicitly considered** in the process **but there are still deficiencies in the implementation.**

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

one month / one month / three days /

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

I think the format adopted for this cycle is quite impressive because the questions are many and this option is very good because the network is fast and never problematic except at the beginning but the use of that tutorials makes every thing easy except some technical hitches by the center can frustrate an individual like how my wrong email was used to configure my questionnaire at the beginning I was inactive for long.

15.5. Training and Guidance**15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire**

| | |
|--------------------------------------|------|
| UNESCO World Heritage Centre | Good |
| UNESCO (other sectors/field offices) | Good |
| UNESCO National Commission | Good |
| ICOMOS International | Fair |
| IUCN International | Fair |
| ICCROM international/regional | Fair |
| ICOMOS national/regional | Fair |
| IUCN national/regional | Fair |

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

| | |
|---|------|
| UNESCO World Heritage Centre | Good |
| State Party Representative (national Focal Point) | Fair |
| UNESCO other sectors (e.g. field office) | Good |
| National Commission for UNESCO | Fair |
| ICOMOS International | Fair |
| ICCROM International/regional | Fair |
| ICOMOS national/regional | Fair |
| IUCN national/regional | Fair |
| IUCN International | Fair |

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?

The only option will be manual

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

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

Reason for update: The monumental structures in the Hidi's palace and the palace square are regularly maintained by the National Commission for Museums and Monuments along with sacred sites but the traditional homesteads characterized by round huts and thatch roofs are giving way to square structures with corrugated iron sheets. This may be due to scarcity of thatches as most of the landscape are becoming farmlands due to over crowding or the durability of the corrugated iron sheets over vulnerable grass thatches

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

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

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

The world heritage center to be commended first for developing a standard online questionnaire on all facets of a world heritage site. The questionnaire turn out to be investigative on issues hidden among authorities of the state party. The Advisory Bodies, UNESCO Field Officers and the Commissions of UNESCO had also worked tirelessly to source for fund, human resources and equipment to facilitate and accommodate over a 1000 property Managers. Focal points are also to be commended.

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