

Zuojiang Huashan Rock Art Cultural Landscape

1. World Heritage Property Data

1.1 - Name of World Heritage property

Zuojiang Huashan Rock Art Cultural Landscape

1.2 - World Heritage property details

1.3 - Geographic information table

| Name                                      | Coordinates      | Property (ha) | Buffer zone (ha) | Total   |
|---|------------------|---------------|------------------|---------|
| Ningming and Longzhou County rock art     | 22.256 / 107.031 | 1628.83       | 2725.37          | 4354.2  |
| Longzhou County rock art                  | 22.393 / 107.093 | 2506.5        | 5331.11          | 7837.6  |
| Jiangzhou District, Fusui County rock art | 22.545 / 107.594 | 2486.27       | 4092.53          | 6578.8  |
| Total (ha)                                |                  | 6621.6        | 12149.01         | 18770.6 |

Comment

Modifications to the name of 1509-001: Change "Ningming and Longshan Heritage Site" to "Ningming He Longshan Heritage Site". The geographic coordinates of the centers of three heritage sites are listed as follows: 1. N22 14 00 E107 03 100; 3. N22 32 00 E107 34 00.

1.4 - Map(s)

| Title  | Date |
|--|------|
| Zuojiang Huashan Rock Art Cultural Landscape - maps of the proposed property | 2019 |

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

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

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

|       |  | The World Heritage property (in whole or in part) is designated and/or protected under this convention/programme | The World Heritage property (in whole or in part) is protected under this convention/programme |
|-------|--|--|--|
| 2.1.1 | International Register of Cultural Property under Special Protection<br>(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<br>(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)<br>(Convention on Wetlands of International Importance (Ramsar Convention))                               |  |  |
| 2.1.4 | World Network of Biosphere Reserves<br>Man and the Biosphere (MAB) Programme   |  |  |
| 2.1.5 | Global Geoparks Network<br>UNESCO Global Geoparks  |  |  |

2.2 - Please provide comments on 2.1 if necessary

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

Not applicable

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property 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 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 UNESCO Global Geopark (if relevant) in the next three years?


No

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

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

| (ha) | Inscription year |
|------|------------------|
| 2    | 2016             |
| 61   | 2016             |
| 8    | 2016             |
| 1,61 |                  |

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| 2.7.4  | The World Heritage Site Manager <b>also manages</b> this designation/programme.   |   |
| <b>2.7.4 Man and the Biosphere (MAB) Programme</b> |   |   |
| 2.7.1  | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.                                       | x |
| 2.7.2  | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme. |   |
| 2.7.3  | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.4  | The World Heritage Site Manager <b>also manages</b> this designation/programme.   |   |
| <b>2.7.5 UNESCO Global Geoparks</b>                |   |   |
| 2.7.1  | There is <b>no contact</b> with the Focal Point(s) of this designation/programme.                                       | x |
| 2.7.2  | The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme. |   |
| 2.7.3  | The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.    |   |
| 2.7.4  | The World Heritage Site Manager <b>also manages</b> this designation/programme.   |   |

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

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

No

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

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

No

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

3. Statement of Outstanding Universal Value

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

**Statement of Outstanding Universal Value**

**Brief synthesis**

Dating from around the 5th century BCE to the 2nd century CE, 38 sites of rock art and their associated karst, riverine and tableland landscape depict ceremonies that have been interpreted as portraying the bronze drum culture once prevalent across southern China. Located on steep cliffs cut through the karst landscape by the meandering Zuojiang River and its tributary Mingjiang River, the pictographs were created by the Luoyue people illustrating their life and rituals.

**Criterion (iii):** The Zuojiang Huashan Rock Art Cultural Landscape, with its special combination of landscape and rock art, vividly conveys the vigorous spiritual and social life of the Luoyue people who lived along the Zuojiang River from the 5th century BCE to the 2nd century CE. It is now the only witness to the tradition.

**Criterion (vi):** The images of Zuojiang Huashan depicting drums and related elements are symbolic records directly associated with the bronze drum culture once widespread in the region. Today bronze drums are still respected as symbols of power in southern China.

**Integrity**

The components of Zuojiang Huashan are relatively complete geographical spatial units, preserving the cliffs bearing the rock art, rivers forest and tablelands. The 38 rock art sites were selected as the best preserved pictographs representing all phases of development. The property contains all the elements necessary to convey the value of the cultural landscape and rock art and does not suffer from development or neglect.

**Authenticity**

Each site enclosed by mountains and rivers has preserved the rock art in its folds for over 2000 years. The location and setting of the rock art is authentic. The rock art is generally located high up on the cliffs, revered by the local inhabitants and although subject to weathering over time is authentic in terms of materials and substance. The motifs and figures of the rock art were related to the beliefs of the inhabitants of the area surrounding them. Today the painted mountains are revered by local people and rituals and sacrifices are performed to appease the invisible forces affecting their lives.

**Protection and management requirements**

One of the 38 rock art sites (Ningming Huashan) is protected at the National level in accordance with the National Law on the Protection of Cultural Relics. The other 37 are all protected at the Provincial level. The remainder of the property is protected by the provisions of Measures of Guangxi Zhuang Autonomous Region on the Protection of Zuojiang Rock Art and the Measures of Chongzuo City on the Protection of Zuojiang Rock Art, together with other laws and regulations which protect the scenic areas, waterways and farmlands, as well as customary village regulations for the protection of rock art in their vicinity. The buffer zones are protected by the regulations of the Construction Control Zone pursuant to the National Law on the Protection of Cultural Relics. Soon all 38 rock art sites will be placed under National level protection.

Overall management of the property is the responsibility of the Chongzuo Management Centre in Chongzuo City, which oversees the management measures and systems of the subordinate district and county administrative departments under which the three property components fall.

The Master Plan for the Conservation and Management of Zuojiang Huashan Rock Art Cultural Landscape was approved and issued in January 2015 for implementation by the Chongzuo City People's Government after consultation with expert committees and public participation. It prohibits all quarrying, sand mining, soil collecting, logging and road construction and controls all development within the property and buffer zone including in the villages, where it restricts the height of construction to 8 metres and area coverage to 150 square metres. It also controls the form, materials and colours of any new construction.

**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  | Zuojiang Rock Art depicts rituals with squatting human figures.   | x         |             |                       |      |
| 3.2.2  | The unique cultural landscape is made up of typical karst landform, cliffs, rivers and tablelands.                          | x         |             |                       |      |
| 3.2.3  | The rock art illustrates the life and rituals of the Luoyue people living from the 5th century B.C. to the 2nd century A.D. | x         |             |                       |      |
| 3.2.4  | It is a painting history featuring large rock art on cliff faces.   |           | x           |                       |      |
| 3.2.5  | The bronze drum culture the rock art presents has a long history, and is still prevalent across southern China today.       | x         |             |                       |      |
| 3.2.6  |   |           |             |                       |      |
| 3.2.7  |   |           |             |                       |      |
| 3.2.8  |   |           |             |                       |      |
| 3.2.9  |   |           |             |                       |      |
| 3.2.10 |   |           |             |                       |      |
| 3.2.11 |   |           |             |                       |      |
| 3.2.12 |   |           |             |                       |      |
| 3.2.13 |   |           |             |                       |      |
| 3.2.14 |   |           |             |                       |      |
| 3.2.15 |   |           |             |                       |      |

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

1. Squatting human figures and other attributes are in good conservation after 2,000 years of weathering. 2. The cultural landscape is made up of typical karst landform, cliffs, rivers and tablelands. 3. The worshipping ceremony including rituals, bronze drums and other intangible cultural heritages are well conserved and still prevalent across Guangxi. 4. Rock art had come to a stop since Eastern Han dynasty. 5. Huashan Landscape enjoys sound authenticity and integrity.

### 4. Factors Affecting the Property

#### 4.1. Buildings and Development

##### 4.1.1 - Housing

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

##### 4.1.2 - Commercial development

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

##### 4.1.3 - Industrial areas

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

##### 4.1.4 - Major visitor accommodation and associated infrastructure

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

##### 4.1.5 - Interpretative and visitation facilities

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

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

The local residents' houses are built at the original site, which can improve their living conditions. The Huashan Theater in the buffer zone may impact on the landscape. The industrial park planned in Fusui County adjacent to the buffer zone may impact on the rock art and landscape. The infrastructure demand of tourism can provide convenience for tourists, but it may change the skyline. The improvement of guided tours and visiting facilities will raise people's awareness of conservation.

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

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

#### 4.2.2 - Underground transport infrastructure

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

#### 4.2.3 - Air transport infrastructure

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

#### 4.2.4 - Marine transport infrastructure

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

#### 4.2.5 - Effects arising from use of transportation infrastructure

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

##### 4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

4.2.1 The ground transportation infrastructure in the heritage area is well developed and can meet the needs of tourists visiting the site. However, unreasonable construction can cause damage to the heritage landscape.

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

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

#### 4.3.2 - Renewable energy facilities

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

#### 4.3.3 - Non-renewable energy facilities

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

#### 4.3.4 - Localised utilities

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

#### 4.3.5 - Major linear utilities



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

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

Fishing brings income to residents, overfishing threatens the heritage. Freshwater aquaculture conserves ecology, excessive aquaculture pollutes water. Relevant regulations have been issued to control such phenomenon. The project to turn dry land into paddy fields around Qujiu Town and the construction of water pump stations affect the landscape. Livestock farming improves local residents' livelihood, but may damage environment. Local residents log for daily life, but may impact environment.

4.6. Physical resource extraction

#### 4.6.1 - Mining

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

#### 4.6.2 - Quarrying

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

#### 4.6.3 - Oil and gas

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

#### 4.6.4 - Water (extraction)

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

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

4.7. Local conditions affecting physical fabric

#### 4.7.1 - Wind

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

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

#### 4.7.2 - Relative humidity

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

#### 4.7.3 - Temperature

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

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

#### 4.7.4 - Radiation/Light

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

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

#### 4.7.5 - Dust

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

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

#### 4.7.6 - Water (rain/water table)

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

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

#### 4.7.7 - Pests

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

#### 4.7.8 - Micro-organisms

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

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

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

4.7.1 Strong typhoons may cause rock fragments to fall. 4.7.3 Long-term temperature differences may cause the cracking of rock art carriers. 4.7.4 Strong light may cause rock art's color to fade. 4.7.5 Dust may cover the rock art. 4.7.6 The calcium carbonate sediment seeping with rainwater may cover the rock art. 4.7.8 Microorganisms (moss and lichen) may cover the rock art. All of these are natural risks which have been monitored to obtain data for future control.

4.8. Social/Cultural uses of heritage

#### 4.8.1 - Ritual/Spiritual/Religious and associative uses

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

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

#### 4.8.2 - Society's valuing of heritage

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

#### 4.8.3 - Indigenous hunting, gathering and collecting

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

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

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

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

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

#### 4.8.6 - Impacts of tourism/Visitation/Recreation

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

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

Local festival customs and performances contribute to cultural inheritance. Planned fishing brings income to villagers. Harmful measures such as electrofishing and fishing with bombs were eliminated. Changes to lifestyle and knowledge structure may affect local customs. Changes to local residents' identity, livelihoods, and demographics may affect the transmission of heritage, especially intangible ones. Tourism development will gradually improve the infrastructure within the heritage area.

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

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

##### 4.9.2 - Deliberate destruction of heritage

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

##### 4.9.3 - Military training

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

##### 4.9.4 - War

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

##### 4.9.5 - Terrorism

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

##### 4.9.6 - Civil unrest

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

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

4.9.1 Illegal poaching and construction can cause ecological hazards and affect the landscape. Regular inspections are needed to put an end to such acts.

#### 4.10. Climate change and severe weather events

##### 4.10.1 - Storms

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

##### 4.10.2 - Flooding

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

##### 4.10.3 - Drought

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

##### 4.10.4 - Desertification

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

##### 4.10.5 - Changes to oceanic waters

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

**4.10.6 - Temperature change**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive      |         |           |        |         |                 |        |            |
| Negative      |         |           |        |         |                 |        |            |

**4.10.7 - Other climate change impacts**

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

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

4.10.1 and 4.10.2 Strong convective weather generates storms and causes floods. Continuous scouring and soaking may damage the rock art. 4.10.6 Strong changes of temperature cause rock art carriers to expand and contract, and finally weather and crack. Today, all those risks can be identified, monitored, and disposed of in time.

4.11. Sudden ecological or geological events

**4.11.1 - Volcanic eruption**

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

**4.11.2 - Earthquake**

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

**4.11.3 - Tsunami/Tidal wave**

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

**4.11.4 - Avalanche/Landslide**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive      |         |           |        |         |                 |        |            |
| Negative      |         |           |        |         |                 |        |            |

**4.11.5 - Erosion and siltation/Deposition**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive      |         |           |        |         |                 |        |            |
| Negative      |         |           |        |         |                 |        |            |

**4.11.6 - Fire (wildfire)**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive      |         |           |        |         |                 |        |            |
| Negative      |         |           |        |         |                 |        |            |

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

4.11.5 Rainwater seepage causes calcium carbonate sediment to cover or erode the rock art. This process, however, proceeds extremely slowly with minor damages. 4.11.6 Fire may cause huge damages to the heritage. The authority has legislated to eliminate the hazards of fire. Emergency plans have been made by the management office to minimize the risks of fire.

4.12. Invasive/alien species or hyper-abundant species

**4.12.1 - Translocated species**

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

**4.12.2 - Invasive/Alien terrestrial species**

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

**4.12.3 - Invasive/Alien freshwater species**

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

**4.12.4 - Invasive/Alien marine species**

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

**4.12.5 - Hyper-abundant species**

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

**4.12.6 - Modified genetic material**

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

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

4.13. Management and institutional factors

**4.13.1 - Management system/Management plan**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | Current | Potential | Inside | Outside | Decreasing      | Stable | Increasing |
| Positive      |         |           |        |         |                 |        |            |
| Negative      |         |           |        |         |                 |        |            |

**4.13.2 - Legal framework**

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

|               | Impact  |           | Origin |         | Trend of impact |        |            |
|---------------|---------|-----------|--------|---------|-----------------|--------|------------|
| <b>Impact</b> | 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 | X       |           | X      | X       |                 | →      |            |
| Negative |         |           |        |         |                 |        |            |

4.13.4 - Management activities

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

4.13.5 - Financial resources

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

4.13.6 - Human resources

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

4.13.7 - Low impact research/monitoring activities

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

4.13.8 - High impact research/monitoring activities

| Relevant  |  | X Not relevant |  |
|---|--|----------------|--|
| <p>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</p> <p>Improving management regulations enables direct and effective heritage conservation; but flaws still exist in management, management system, and planning. Better legal framework guarantees smooth heritage conservation; however, flaws in the legal system can't be ignored. Heritage management has regulated local production, living behaviors and tourism, and prolonged the life of the rock art. The input of money and human resources guarantees the heritage.</p> |  |                |  |

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

| Name  | Impact | Origin | Trend |
|---|--------|--------|-------|
| 4.1 Buildings and Development                                   |        |        |       |
| 4.1.1 Housing   | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.1.2 Commercial development                                    | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.1.3 Industrial areas  | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.1.4 Major visitor accommodation and associated infrastructure | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.1.5 Interpretative and visitation facilities                  | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.2 Transportation Infrastructure                               |        |        |       |
| 4.2.1 Ground transport infrastructure                           | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.3 Services Infrastructures                                    |        |        |       |
| 4.3.2 Renewable energy facilities                               | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.3.5 Major linear utilities                                    | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.4 Pollution   |        |        |       |
| 4.4.3 Surface water pollution                                   | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.4.5 Solid waste   | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.5 Biological resource use/modification                        |        |        |       |
| 4.5.1 Fishing/collecting aquatic resources                      | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.5.2 Aquaculture   | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.5.3 Land conversion   | ↗ ↘    | ↗ ↘    | ↗ ↘   |
| 4.5.4 Livestock farming/Grazing of domesticated animals         | ↗ ↘    | ↗ ↘    | ↗ ↘   |

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |     |     |     |     |     |
| 4.5.10 Forestry/Wood production  |    |    |   |    |    |
|  |    |    |   |    |    |
| 4.7 Local conditions affecting physical fabric   |   |   |   |   |   |
| 4.7.1 Wind   |   |   |   |   |   |
|  |    |    |   |    |    |
| 4.7.3 Temperature  |   |   |   |   |   |
|  |    |    |    |   |    |
| 4.7.4 Radiation/Light  |   |   |   |   |   |
|  |    |    |    |   |    |
| 4.7.5 Dust   |   |   |   |   |   |
|  |    |    |    |   |    |
| 4.7.6 Water (rain/water table)   |   |   |   |   |   |
|  |    |    |    |    |    |
| 4.7.8 Micro-organisms  |   |   |   |   |   |
|  |    |    |    |   |    |
| 4.8 Social/Cultural uses of heritage   |   |   |   |   |   |
| 4.8.1 Ritual/Spiritual/Religious and associative uses  |    |    |   |    |    |
|  |   |   |   |   |   |
| 4.8.2 Society's valuing of heritage  |    |    |    |    |    |
|  |   |   |   |   |   |
| 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   |    |    |    |   |    |
|  |    |    |    |    |    |
| 4.8.6 Impacts of tourism/Visitation/Recreation   |    |    |    |    |    |
|  |   |   |   |   |   |
| 4.9 Other human activities   |   |   |   |   |   |
| 4.9.1 Illegal activities   |   |   |   |   |   |
|  |   |   |   |   |   |
| 4.10 Climate change and severe weather events  |   |   |   |   |   |
| 4.10.1 Storms  |   |   |   |   |   |
|  |  |  |  |  |  |
| 4.10.2 Flooding  |   |   |   |   |   |
|  |  |  |  |  |  |
| 4.10.6 Temperature change  |   |   |   |   |   |
|  |  |  |  |  |  |
| 4.11 Sudden ecological or geological events  |   |   |   |   |   |
| 4.11.4 Avalanche/Landslide   |   |   |   |   |   |
|  |  |  |  |   |  |
| 4.11.5 Erosion and siltation/Deposition  |   |   |   |   |   |
|  |  |  |  |  |  |
| 4.11.6 Fire (wildfire)   |   |   |   |   |   |
|  |  |  |   |  |  |
| 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   |  |  |   |  |  |
|  |   |   |   |   |   |
| <b>Legend</b>  Current  Potential  Negative  Positive  Inside  Outside |   |   |   |   |   |

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

| Name  | Impact  | Origin | Trend   |
|---|---|--------|---|
| 4.1.1 Housing                               |   |        |   |
|   |   |        |   |
| Spatial scale - Area affected by the factor |   |        |   |
| Restricted                                  |   |        |   |

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

| Name                         | Impact                              | Origin                              | Trend                               |
|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 4.1.2 Commercial development | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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

| Name                   | Impact                              | Origin                              | Trend                               |
|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 4.1.3 Industrial areas | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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

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

| Name  | Impact                                       | Origin                                       | Trend  |
|---|--|--|--|
| 4.1.4 Major visitor accommodation and associated infrastructure | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|   | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

| Name   | Impact                                       | Origin                                       | Trend  |
|--|--|--|--|
| 4.1.5 Interpretative and visitation facilities | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|  | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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








#### 4.2 Transportation Infrastructure

| Name                                  | Impact                                       | Origin                                       | Trend  |
|---------------------------------------|--|--|--|
| 4.2.1 Ground transport infrastructure | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                                       | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |






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

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

#### 4.3 Services Infrastructures

| Name                              | Impact  | Origin  | Trend   |
|-----------------------------------|---|---|---|
| 4.3.2 Renewable energy facilities |   |  |  |
|                                   |   |  |  |




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

| Name                         | Impact  | Origin  | Trend   |
|------------------------------|---|---|---|
| 4.3.5 Major linear utilities |   |  |  |
|                              |   |  |  |






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

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

#### 4.4 Pollution

| Name                          | Impact  | Origin   | Trend   |
|-------------------------------|---|--|---|
| 4.4.3 Surface water pollution |    |   |  |

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

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

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

#### 4.5 Biological resource use/modification

| Name                                       | Impact                                       | Origin                                       | Trend  |
|--|--|--|--|
| 4.5.1 Fishing/collecting aquatic resources | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|  | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

| Name              | Impact                                       | Origin                                       | Trend  |
|-------------------|--|--|--|
| 4.5.2 Aquaculture | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                   | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

| Spatial scale - Area affected by the factor             |                                |
|---|--------------------------------|
| <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 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 type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |
| Trend - Development over the last 6 years               |                                |
| <input type="checkbox"/>                                | Decreasing                     |
| <input checked="" type="checkbox"/>                     | Static                         |
| <input type="checkbox"/>                                | Increasing                     |

| Name                  | Impact                                       | Origin                                       | Trend  |
|-----------------------|--|--|--|
| 4.5.3 Land conversion | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                       | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

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

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



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

| Name                            | Impact                                       | Origin                            | Trend                             |
|---------------------------------|--|-----------------------------------|-----------------------------------|
| 4.5.10 Forestry/Wood production | <div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | <div><div></div><div></div></div> |
|                                 | <div><div></div><div></div><div></div></div> | <div><div></div><div></div></div> | <div><div></div><div></div></div> |

|  |                                |
|--|--------------------------------|
| <b>Spatial scale - Area affected by the factor</b>             |                                |
| <input checked="" type="checkbox"/>                            | Restricted                     |
| <input type="checkbox"/>                                       | Localised                      |
| <input type="checkbox"/>                                       | Extensive                      |
| <input type="checkbox"/>                                       | Widespread                     |
| <b>Temporal scale - Occurrence of the impact</b>               |                                |
| <input type="checkbox"/>                                       | One off or rare                |
| <input checked="" type="checkbox"/>                            | Intermittent or sporadic       |
| <input type="checkbox"/>                                       | Frequent                       |
| <input type="checkbox"/>                                       | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input type="checkbox"/>                                       | Insignificant                  |
| <input checked="" type="checkbox"/>                            | Minor                          |
| <input type="checkbox"/>                                       | Significant                    |
| <input type="checkbox"/>                                       | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
| <input type="checkbox"/>                                       | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
| <input type="checkbox"/>                                       | Low capacity                   |
| <input type="checkbox"/>                                       | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
| <input type="checkbox"/>                                       | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |
| <input type="checkbox"/>                                       | 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   |
|-------------------|---|---|---|
| 4.7.3 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

|  |                                |
|--|--------------------------------|
| <input type="checkbox"/>                                       | Frequent                       |
| <input type="checkbox"/>                                       | On-going                       |
| <b>Impact - Impact on the attributes</b>                       |                                |
| <input type="checkbox"/>                                       | Insignificant                  |
| <input checked="" type="checkbox"/>                            | Minor                          |
| <input type="checkbox"/>                                       | Significant                    |
| <input type="checkbox"/>                                       | Major                          |
| <b>Management response - Capacity of management to respond</b> |                                |
| <input type="checkbox"/>                                       | High capacity                  |
| <input checked="" type="checkbox"/>                            | Medium capacity                |
| <input type="checkbox"/>                                       | Low capacity                   |
| <input type="checkbox"/>                                       | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b>               |                                |
| <input type="checkbox"/>                                       | Decreasing                     |
| <input checked="" type="checkbox"/>                            | Static                         |
| <input type="checkbox"/>                                       | Increasing                     |

| Name       | Impact                              |                                     |                          | Origin                              |                          | Trend                               |
|------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 4.7.5 Dust | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
|            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

| Name                           | Impact                              |                                     |                                     | Origin                              |                          | Trend                               |
|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 4.7.6 Water (rain/water table) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
|                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

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

| Name                  | Impact  | Origin   | Trend  |
|-----------------------|---|--|--|
| 4.7.8 Micro-organisms | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
|                       | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |

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

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

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

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

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

#### 4.8 Social/Cultural uses of heritage

| Name  | Impact  | Origin   | Trend  |
|---|---|--|--|
| 4.8.1 Ritual/Spiritual/Religious and associative uses | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
|   | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input 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 type="checkbox"/>                                | High capacity                  |
| <input checked="" type="checkbox"/>                     | Medium capacity                |
| <input type="checkbox"/>                                | Low capacity                   |
| <input type="checkbox"/>                                | No capacity and / or resources |

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

| Name                                | Impact  | Origin   | Trend  |
|-------------------------------------|---|--|--|
| 4.8.2 Society's valuing of heritage | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
|                                     | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |

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

|   |                 |
|---|-----------------|
| Temporal scale - Occurrence of the impact |                 |
| <input type="checkbox"/>                  | One off or rare |

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

| Name   | Impact | Origin | Trend |
|--|--------|--------|-------|
| 4.8.3 Indigenous hunting, gathering and collecting |        |        |       |
|  |        |        |       |

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

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

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

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

| Name   | Impact  | Origin  | Trend   |
|--|---|---|---|
| 4.8.5 Identity, social cohesion, changes in local population and community | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
|  | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input 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

| Name   | Impact   | Origin   | Trend  |
|--|--|--|--|
| 4.8.6 Impacts of tourism/Visitation/Recreation | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                       | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                       | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                       |

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

☐ Restricted

☐ Localised

☒ Extensive

☐ Widespread

**Temporal scale - Occurrence of the impact**

☐ One off or rare

☐ Intermittent or sporadic

☒ Frequent

☐ On-going

**Impact - Impact on the attributes**

☐ Insignificant

☒ Minor

☐ Significant

☐ Major

**Management response - Capacity of management to respond**

☐ High capacity

☐ Medium capacity

☒ Low capacity

☐ No capacity and / or resources

**Trend - Development over the last 6 years**

☐ Decreasing

☒ Static

☐ Increasing

#### 4.9 Other human activities

| Name                     | Impact   | Origin  | Trend   |
|--------------------------|--|---|---|
| 4.9.1 Illegal activities | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                       | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>            | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>            |
|                          | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |

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

☒ Restricted

☐ Localised

☐ Extensive

☐ Widespread

**Temporal scale - Occurrence of the impact**

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

#### 4.10 Climate change and severe weather events

| Name          | Impact                   | Origin                   | Trend                    |
|---------------|--------------------------|--------------------------|--------------------------|
| 4.10.1 Storms | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

| Name            | Impact                   | Origin                   | Trend                    |
|-----------------|--------------------------|--------------------------|--------------------------|
| 4.10.2 Flooding | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|  |                          |
|--|--------------------------|
| <b>Spatial scale - Area affected by the factor</b>             |                          |
| <input type="checkbox"/>                                       | Restricted               |
| <input checked="" type="checkbox"/>                            | Localised                |
| <input type="checkbox"/>                                       | Extensive                |
| <input type="checkbox"/>                                       | Widespread               |
| <b>Temporal scale - Occurrence of the impact</b>               |                          |
| <input checked="" type="checkbox"/>                            | One off or rare          |
| <input type="checkbox"/>                                       | Intermittent or sporadic |
| <input type="checkbox"/>                                       | Frequent                 |
| <input type="checkbox"/>                                       | On-going                 |
| <b>Impact - Impact on the attributes</b>                       |                          |
| <input type="checkbox"/>                                       | Insignificant            |
| <input checked="" type="checkbox"/>                            | Minor                    |
| <input type="checkbox"/>                                       | Significant              |
| <input type="checkbox"/>                                       | Major                    |
| <b>Management response - Capacity of management to respond</b> |                          |
| <input checked="" type="checkbox"/>                            | High capacity            |
| <input type="checkbox"/>                                       | Medium capacity          |
| <input type="checkbox"/>                                       | Low capacity             |

|   |            |  |  |
|---|------------|--|--|
| <input type="checkbox"/> No capacity and / or resources |            |  |  |
| <b>Trend - Development over the last 6 years</b>        |            |  |  |
| <input checked="" type="checkbox"/>                     | Decreasing |  |  |
| <input type="checkbox"/>                                | Static     |  |  |
| <input type="checkbox"/>                                | Increasing |  |  |

| Name                      | Impact                   | Origin                   | Trend                    |
|---------------------------|--------------------------|--------------------------|--------------------------|
| 4.10.6 Temperature change | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

#### 4.11 Sudden ecological or geological events

| Name                       | Impact                   | Origin                   | Trend                    |
|----------------------------|--------------------------|--------------------------|--------------------------|
| 4.11.4 Avalanche/Landslide | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

| Name                                    | Impact                   | Origin                   | Trend                    |
|---|--------------------------|--------------------------|--------------------------|
| 4.11.5 Erosion and siltation/Deposition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

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

| Name                   | Impact                                       | Origin                                       | Trend  |
|------------------------|--|--|--|
| 4.11.6 Fire (wildfire) | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                        | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

#### 4.13 Management and institutional factors

| Name   | Impact                                       | Origin                                       | Trend  |
|--|--|--|--|
| 4.13.1 Management system/Management plan                       | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|  | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
| <b>Spatial scale - Area affected by the factor</b>             |  |  |  |
|  | Restricted                                   |  |  |
|  | Localised                                    |  |  |
|  | Extensive                                    |  |  |
| X  | Widespread                                   |  |  |
| <b>Temporal scale - Occurrence of the impact</b>               |  |  |  |
|  | One off or rare                              |  |  |
|  | Intermittent or sporadic                     |  |  |
|  | Frequent                                     |  |  |
| X  | On-going                                     |  |  |
| <b>Impact - Impact on the attributes</b>                       |  |  |  |
|  | Insignificant                                |  |  |
|  | Minor  |  |  |
| X  | Significant                                  |  |  |
|  | Major  |  |  |
| <b>Management response - Capacity of management to respond</b> |  |  |  |
| X  | High capacity                                |  |  |



|  |                                |
|--|--------------------------------|
| <input type="checkbox"/>                         | Medium capacity                |
| <input type="checkbox"/>                         | Low capacity                   |
| <input type="checkbox"/>                         | No capacity and / or resources |
| <b>Trend - Development over the last 6 years</b> |                                |
| <input type="checkbox"/>                         | Decreasing                     |
| <input type="checkbox"/>                         | Static                         |
| <input checked="" type="checkbox"/>              | Increasing                     |

| Name                   | Impact                                       | Origin                                       | Trend  |
|------------------------|--|--|--|
| 4.13.2 Legal framework | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                        | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

| Name              | Impact                                       | Origin                                       | Trend  |
|-------------------|--|--|--|
| 4.13.3 Governance | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                   | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

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

| Name                         | Impact                                       | Origin                                       | Trend  |
|------------------------------|--|--|--|
| 4.13.4 Management activities | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |
|                              | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> | <div><div></div><div></div><div></div></div> |

|  |            |
|--|------------|
| <b>Spatial scale - Area affected by the factor</b> |            |
| <input type="checkbox"/>                           | Restricted |
| <input type="checkbox"/>                           | Localised  |

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

| Name                       | Impact  | Origin  | Trend   |
|----------------------------|---|---|---|
| 4.13.5 Financial resources | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|                            | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  |

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

| Name                   | Impact  | Origin  | Trend   |
|------------------------|---|---|---|
| 4.13.6 Human resources | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|                        | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>                                  |

|   |                          |
|---|--------------------------|
| Spatial scale - Area affected by the factor             |                          |
| <input type="checkbox"/>                                | Restricted               |
| <input type="checkbox"/>                                | Localised                |
| <input type="checkbox"/>                                | Extensive                |
| <input checked="" 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              |
| <input type="checkbox"/>                                | Major                    |
| Management response - Capacity of management to respond |                          |
| <input checked="" type="checkbox"/>                     | High capacity            |

|   |                                |
|---|--------------------------------|
| <input type="checkbox"/>                  | Medium capacity                |
| <input type="checkbox"/>                  | Low capacity                   |
| <input type="checkbox"/>                  | No capacity and / or resources |
| Trend - Development over the last 6 years |                                |
| <input type="checkbox"/>                  | Decreasing                     |
| <input type="checkbox"/>                  | Static                         |
| <input checked="" type="checkbox"/>       | Increasing                     |

| Name   | Impact  | Origin  | Trend                               |
|--|---|---|-------------------------------------|
| 4.13.7 Low impact research/monitoring activities | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|  | <input type="checkbox"/> <input type="checkbox"/>                       | <input type="checkbox"/> <input type="checkbox"/>                       | <input type="checkbox"/>            |

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

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

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

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

|          | Attribute  | Preserved                           | Compromised                         | Seriously compromised    | Lost                     |
|----------|--|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| 4.18.1.1 | Zuojiang Rock Art depicts rituals with squatting human figures.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.18.1.2 | The unique cultural landscape is made up of typical karst landform, cliffs, rivers and tablelands.                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.18.1.3 | The rock art illustrates the life and rituals of the Luoyue people living from the 5th century B.C. to the 2nd century A.D.. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.18.1.4 | It is a painting history featuring large rock art on cliff faces.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.18.1.5 | The bronze drum culture the rock art presents has a long history, and is still prevalent across southern China today.        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

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

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

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

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

The heritage boundaries and buffer zones have been delineated, announced and legally guaranteed, and have been recognized by the public. They meet the conservation needs of the heritage, ensure the effect of the view corridor of the heritage area, effectively limit and control the production, life, tourism and construction activities of people in the heritage area, and protect the Outstanding Universal Value of the heritage and authenticity and integrity of the landscape pattern.

5.2. Protective Measures

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

Comment

On July 15, 2016, "Zuojiang Huashan Rock Art Cultural Landscape" was inscribed on the World Heritage List; Huashan Rock Art was announced as one of the National Priority Protected Sites on January 13, 1988, and the remaining 37 rock art sites were also included in the National Priority Protected Sites on October 7, 2019; in 1988, "Zuojiang Huashan Rock Art Cultural Landscape" was included in the National Scenic Spots.

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?

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

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

There is **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 Regulations on the Conservation of the Zuojiang Huashan Rock Art Cultural Landscape of Chongzuo City is the first physical special regulation in Chongzuo City, which clarifies the boundary and buffer zone scope of this heritage and provides a strong legal guarantee for the conservation and management of this heritage.

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

Huashan Rock Art was announced as one of the National Priority Protected Sites on January 13, 1988, and the remaining 37 rock art sites were also included in the National Priority Protected Sites on October 7, 2019.

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system joint national/ local

If 'Other', please specify

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

|  |
|--|
| A statutory Management Plan or zoning plan for the property.   |
| 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 framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property                         |
| A code of practice developed by local communities or other groups  |
| A code of practice developed by industry   |
| An integrated management plan combining World Heritage and any other designations  |
| A management plan  |
| An annual work plan or business plan   |
| A disaster, climate or conflict risk management plan   |
| A visitor/visitation management plan   |
| An environmental management framework  |
| A joint approach to management of cultural and natural heritage  |

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

The property is equipped with a comprehensive heritage conservation and management system, which is a multi-level system of administrative and operational management at the national, autonomous region, city, county and township levels. It is specifically responsible for the daily management of the heritage, including the establishment and management of heritage information files, on-site tourism management and coordination, as well as monitoring and collaborative law enforcement.

5.3.4 - Management Documents

Comment

In 2014, the Conservation and Management Plan for Zuojiang Huashan Rock Art Cultural Landscape (2014-2030) and the General Plan for Huashan Scenic Spot were compiled and completed.

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

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

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

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

No use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

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

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

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

The projects of salvage reinforcement for rock weathering, cracking and falling were implemented for Ningming Huashan Rock Art, Gaoshan Rock Art, and Longxiashan Rock Art, effectively reducing the disaster risks faced by the heritage property.

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 | Research groups of higher education institutions. |                                 |                    |                      |   |

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 | Research groups of higher education institutions. |              |      |      |      |

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   |                |                 |         | ✖           |                  |

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

The management system of Zuojiang Huashan Rock Art Cultural Landscape is relatively complete and has played an active and effective role in the conservation and management of the heritage property. There is no gender inequality in the Zuojiang Huashan Rock Art management system; and it is not related to human rights.

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

In the operation of the management system and during the implementation of the Conservation and Management Plan for Zuojiang Huashan Rock Art Cultural Landscape (2014-2030), it was found that there is still a large room for improvement. For example, the local residents in the heritage area are increasing while the existing dwellings are rebuilt under the 8-meter height limit, which cannot meet the actual needs.

6. Financial and Human Resources

6.1. Funding

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

|          |  | Project costs | Running costs |
|----------|--|---------------|---------------|
| 6.1.1.1  | Multilateral funding (GEF, World Bank, etc.)   | 0 %           | 0 %           |
| 6.1.1.2  | Bilateral international funding  | 0 %           | 0 %           |
| 6.1.1.3  | World Heritage Fund (International Assistance)   | 0 %           | 0 %           |
| 6.1.1.4  | Contribution from other conventions and programmes   | 0 %           | 0 %           |
| 6.1.1.5  | International donations (NGOs, foundations, etc.)  | 0 %           | 0 %           |
| 6.1.1.6  | Governmental (national/federal)  | 95 %          | 5 %           |
| 6.1.1.7  | Governmental (regional/provincial/state)   | 0 %           | 0 %           |
| 6.1.1.8  | Governmental (local/municipal)   | 5 %           | 95 %          |
| 6.1.1.9  | In-country donations (NGOs, foundations, etc.)   | 0 %           | 0 %           |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)              | 0 %           | 0 %           |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 %           | 0 %           |
| 6.1.1.12 | Other  | 0 %           | 0 %           |
|          |  | Total 100 %   | Total 100 %   |

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

No other funding sources.

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

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

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

The existing sources of funding are secure over the medium-term and planning is underway to secure funding over the long-term

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

The funds for the heritage conservation and operation and the infrastructure construction are covered by the government budget, which has ensured the sound development of heritage conservation and management.

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

|         |       | From local communities % | From elsewhere % |
|---------|-------|--------------------------|------------------|
| 6.1.6.1 | Men   | 60 %                     | 90 %             |
| 6.1.6.2 | Women | 40 %                     | 10 %             |
|         |       | Total 100 %              | Total 100 %      |

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

Human resources are adequate for management needs

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

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

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

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

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

No use has been made of the World Heritage Strategy for Capacity Building

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

No use has been made of the World Heritage Strategy for Capacity Building.

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

Local human resource departments have strongly supported the heritage management authorities with many talents of high quality. And higher authorities at the national, provincial and municipal levels provide regular heritage management training, which enables managers to grasp management knowledge in a timely manner and successfully fulfill their duties in heritage management. complete the scheduled heritage management tasks.

7. Scientific Studies and Research Projects

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

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

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

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

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

Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies

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

Many scientific studies and research programmes on the Zuojiang Huashan Rock Art Cultural Landscape have been carried out, including the projects of the rock art dating detection, drawing studies, functions exploration, and protection and inheritance of. Considerable research results obtained from these projects have provided strong support for the Outstanding Universal Value of this heritage property.

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                              | Poor           |
| Indigenous peoples                                       | Not applicable |
| Landowners   | Fair           |
| Women  | Fair           |
| Youth/children   | Fair           |
| Researchers  | Good           |
| Local visitors   | Fair           |
| National/international tourists                          | Fair           |
| Tourism industry   | Poor           |
| Local businesses and industries                          | Non-existent   |
| NGOs   | Not applicable |
| Other specific groups                                    | Not applicable |
| If you selected 'Other specific groups', please describe |                |

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

There is a **limited and ad hoc education** and awareness programme for children and/or youth

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

|                   |
|-------------------|
| Local communities |
| Landowners        |
| Youth/children    |

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                         | Fair       |
| Site museum                            | Fair       |
| Information booths                     | Fair       |
| Guided tours                           | Good       |
| Trails/routes                          | Fair       |
| Printed information materials          | Fair       |
| Online (website, social media, etc.)   | Fair       |
| Transportation facilities              | Fair       |
| Other                                  | Not needed |
| If 'Other' is selected, please specify |            |

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

The heritage property has been fitted out with proper infrastructure facilities, including exhibition centers, visitor service centers, transportation facilities and guided tours, which are beneficial for visitors to explore and visit the heritage property and recognize its Outstanding Universal Value.

9. Visitor Management

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

|   |
|---|
| 7036100 / 5014700 / 3021600 / 2004300 / 1353000 / |
|---|

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

|                              |
|------------------------------|
| Entry tickets and registries |
| Accommodation establishments |
| Tourism industry             |

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

One day (no overnight stay)

9.4 - Please provide the source of information

The information comes from the monitoring statistics of the management and tourism departments since 2016.

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

|                              |
|------------------------------|
| 50 / 30 / 25 / 0 / 20 / 40 / |
|------------------------------|

9.6 - Please provide the source of information

The statistics are collected from the survey of the tourism management department.

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 **strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are **some deficiencies in implementation**

9.8 - Please provide any comments relating to the answer provided above in question 9.7

Professional teams are invited to participate in the operation, including designing visit routes and avoiding disorderly competition in tourism. Measures have been adopted to control the entry of visitors' vehicles into the key areas to ensure the authenticity and sustainability of the heritage environment. And the negative impact resulted from the production and life of the residents in the heritage area, such as the disposal of sewage and garbage, have also been under strict management.

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, through the UNESCO Tourism Management Assessment Tool

If a different system, please specify

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

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

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

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

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

In many locations and **easily visible** to visitors

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

**No fees** are collected

9.15 - Are there locally driven sustainable tourism initiatives?

No

If 'Yes', please specify

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

No

If 'Yes', please specify

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

The tourism of Huashan Rock Art is still in its initial stage. The infrastructure still needs to be improved, such as the heritage signage and transportation facilities. There is limited cooperation between the heritage property managers and the tourism development managers. And the local communities have enjoyed less benefits from the tourism than they should do. Therefore, there is a large room for further development. While there is the authority to collect fees, they are not collected.

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 Huashan Rock Art Monitoring Station is responsible for monitoring the key areas of the property. It can basically meet all the monitoring demands, and has set the monitoring indicators based on the actual situation. These key indicators can tell the status of the heritage conservation and the necessity of the early warning, which is conducive to deepening the understanding of how to maintain the OUV and providing a scientific basis for the conservation and management of the heritage.

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

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

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

Implementation is underway

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

Recommendations made by this heritage property to the World Heritage Committee: all 38 rock art sites nominated as World Heritage properties have been declared as the sites under the highest level of protection. Protection and monitoring systems have been developed, protection areas have been delineated, the use of clean energy within the heritage area has been widely promoted, and red lines have been drawn to strictly limit the use of basic farmland within the heritage area.

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

The information about Huashan Rock Art heritage comes from the real-time monitoring of Ningming Huashan Rock Art Monitoring Station and regular staff inspections in Ningming County, Longzhou County, Jiangzhou District and Fusui County. It is suggested that the scientific monitoring needs to be popularized and promoted to the other three counties in the future.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

|  |  |   |
|--|--|---|
| 5.2  | Protective Measures  |   |
| 5.2.4  | An <b>adequate legal framework</b> in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b> | ✕ |
| 5.2.6  | There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain  | ✕ |
| 5.3  | Management System/Management Plan  |   |
| 5.3.5  | <b>No use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property   |   |
| 5.3.7  | <b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property   | ✕ |
| 5.3.9  | <b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property   | ✕ |
| 5.3.11   | There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>  | ✕ |
| 5.3.17   | ● The management system of the World Heritage property <b>does not contribute to fostering inclusive local economic development, and to enhancing livelihood</b>   | ✕ |
| 6.1  | Funding  |   |
| 6.1.3  | The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property   |   |
| 6.1.10   | <b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property   | ✕ |
| 6.1.12   | A <b>site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>         | ✕ |
| 7  | Scientific Studies and Research Projects   |   |
| 7.2  | There is <b>considerable research</b> in the World Heritage property but it is <b>not directed towards management needs and/or improving understanding of Outstanding Universal Value</b>  |   |
| 7.3  | Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies  |   |
| 8  | Education, Information and Awareness Building  |   |
| 8.2  | There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth   |   |
| 9  | Visitor Management   |   |
| 9.7  | There is <b>a strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>  | ✕ |
| 9.11   | There is <b>limited cooperation</b> between those responsible for the World Heritage property and the tourism industry <b>to present the Outstanding Universal Value and increase appreciation</b>   |   |
| 9.12   | The presentation and interpretation of the Outstanding Universal Value of the property is <b>acceptable but improvements could be made</b>   | ✕ |
| 10   | Monitoring   |   |
| 10.2   | Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>  |   |
| Please select 0 more issues.                   |  |   |
| ■ Please save this question to reflect changes |  |   |

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

|       |                           |  |  |  |  |  |  |  |
|-------|---------------------------|--|--|--|--|--|--|--|
| 4.1   | Buildings and Development |  |  |  |  |  |  |  |
| 4.1.1 | Housing                   |  |  |  |  |  |  |  |

|        |  |  |  |  |  |   |   |
|--------|--|--|--|--|--|---|---|
| 4.1.2  | Commercial development                     | Commercial development has a positive contribution to local livelihoods, but it may have substantial impacts on the heritage environment .   | The regulations and plans issued for the conservation of Huashan Rock Art have specified the restrictions on commercial development within the heritage area.  | Each heritage site has set up a special law enforcement agency to regularly inspect the heritage area, which can identify and correct problems in a timely manner.   | Long-term (since 2015).  | Zuojiang Huashan Rock Art Cultural Landscape Management Committee of Chongzuo City and other rock art management departments of each county (district).   | / |
| 4.1.3  |  | Industrial areas   |  |  |  |   |   |
| 4.5    | Biological resource use/modification       |  |  |  |  |   |   |
| 4.5.2  | Aquaculture                                | Aquaculture can cause water pollution to the heritage.   | The section of the river where the rock art is located is one of the heritage attributes, and unreasonable farming activities such as net fish farming will be continuously prohibited within the heritage area. | A certain area will be designated and a special team will be organized to conduct regular and irregular inspections of the area to ensure better water quality of the river.   | The period from 2014 to 2030 is an implementation phase.   | Departments related to heritage management, animal husbandry and fishery, and transportation and shipping.  | / |
| 4.7    | Local conditions affecting physical fabric |  |  |  |  |   |   |
| 4.7.1  | Wind                                       | Strong typhoons will act directly on the rock art body and its carrier (the cliff), and affect its conservation condition.   | Ningming Huashan Rock Art Monitoring Station has installed an automatic meteorology monitor, and plans to upgrade the equipment and expand the practice to other rock art sites.                                 | Long-term monitoring of the meteorology of the small areas of rock art will be implemented. Useful data will be collected to predict the impact of wind and other meteorological effects on the rock art and its carriers. | Upgrade the monitoring equipment and promote the practice to other rock art sites in the next three to five years. | Chinese Academy of Cultural Heritage, Cultural Heritage Bureau of Department of Culture and Tourism of Guangxi Zhuang Autonomous Region, Zuojiang Huashan Rock Art Management Committee of Chongzuo City, Cultural Relics Management Office of Ningming.  | / |
| 4.7.3  | Temperature                                | Abnormal changes in temperature, especially large temperature differences, tend to make the carrier of rock art (i.e., cliffs) weathering and cracking due to the thermal expansion and contraction, thus causing negative impacts.                | Carry out in-depth researches on the weathering and cracking of rock bodies to optimize the conservation condition of the rock art.  | Representative heritage sites should be selected for close monitoring to observe the basic situation and characteristics of temperature changes.   | The practice will be ongoing in the future.  | Cultural heritage management departments.   | / |
| 4.7.4  | Radiation/Light                            |  |  |  |  |   |   |
| 4.10   | Climate change and severe weather events   |  |  |  |  |   |   |
| 4.10.6 | Temperature change                         |  |  |  |  |   |   |
| 4.13   | Management and institutional factors       |  |  |  |  |   |   |
| 4.13.1 | Management system/Management plan          | There is a collaborative management system for the heritage at the national, autonomous region, city and county levels. And the continuous improvement of the management system has enabled heritage conservation to be more direct and effective. | The Plan has specified programmes and requirements for the management of the heritage, and a corresponding management system has also been established.  | Regular inspections and monitoring of the rock art and the heritage area will be implemented to keep the track of real-time dynamics of the heritage.  | The period from 2014 to 2030 is an implementation phase.   | National Cultural Heritage Administration of China, Cultural Heritage Bureau of the Department of Culture and Tourism of Guangxi Zhuang Autonomous Region, Zuojiang Huashan Rock Art Management Committee of Chongzuo City, other management departments. | / |
| 4.13.2 | Legal framework                            | The legal framework is relatively sound, but there is still room for improvement in the enforcement of laws and regulations.   | The Regulations on the Conservation of the Zuojiang Huashan Rock Art Cultural Landscape set out clear requirements and restrictions on the heritage management from different aspects.                           | The enforcement of this legal provision will be regularly or irregularly checked and further improved.   | Long-term (since July 15, 2018).   | People's Congress of Chongzuo City.   | / |

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 |  |
| 5.2.4                                 | An <b>adequate legal framework</b> in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b> | Formulate and improve heritage conservation plans, delineate buffer zones in the form of coordinates and boundary pillars, and make relevant regulations through legislation, so as to maintain the integrity and authenticity of the heritage property. | 2014 – 2030                   | Standing Committee of the People's Congress at the municipal level and cultural heritage management departments.  | /                   |  |
| 5.2.6                                 | There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain  | Regulations of Chongzuo City on the Conservation of Zuojiang Huashan Rock Art Cultural Landscape entered into force on 15 July 2018, providing legal guarantee for the property's conservation.  | From 15 July 2018 (long-term) | People's Congress of Chongzuo City, the property's management body  | /                   |  |
| 5.3 Management System/Management Plan |  |  |                               |   |                     |  |
| 5.3.7                                 | <b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property   | The impact of climate change on the heritage of Zuojiang Huashan Rock Art Cultural Landscape is minimal, and the heritage has not been involved in the use of Policy document on the impacts of climate change on World Heritage properties.             | No use.                       | /   | /                   |  |
| 5.3.9                                 | <b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property   | The impact of disasters on the heritage of Zuojiang Huashan Rock Art Cultural Landscape is minimal, and the heritage has not been involved in the use of this strategy.  | No use.                       | /   | /                   |  |
| 5.3.11                                | There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>  | The property is subject to joint coordination and management at national, autonomous region, city and county levels.   | From 2015 (long-term)         | National Cultural Heritage Administration, Guangxi Zhuang Autonomous Region Department of Culture and Tourism, Chongzu City Bureau of Culture and Tourism, bureaus of culture, tourism, sports, TV and radio of Ningming, Longzhou, Jiangzhou and Fusui | /                   |  |
| 5.3.17                                | • The management system of the World Heritage property <b>does not contribute to fostering inclusive local economic development, and to enhancing livelihood</b>   | This heritage management system provides quality services to local communities for the ecology of rivers, water sources, tablelands and other geographic environment.  | Long-term (since 2015).       | Governments at all levels and cultural heritage management departments.   | /                   |  |



|        |  |  |  |   |   |
|--------|--|--|--|---|---|
| 6.1    | Funding  |  |  |   |   |
| 6.1.10 | No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property  | This heritage hasn't been involved in the use of the World Heritage Strategy for Capacity Building.  | No use.  | /   | / |
| 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 | Through the implementation of the Conservation and Management Plan for Zuojang Huashan Rock Art Cultural Landscape at the municipal level, regular training activities are conducted to familiarize heritage managers with rock art conservation skills. | The period from 2014 to 2030 is an implementation phase. | Zuojang Huashan Rock Art Cultural Landscape Management Committee of Chongzuo City | / |
| 9      | Visitor Management   |  |  |   |   |
| 9.7    | There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation  | In 2014, the Conservation and Management Plan for Zuojang Huashan Rock Art Cultural Landscape (2014-2030) was formulated, which has a medium and long-term management system for managing tourists and tourism activities.                               | 2014 – 2030  | Governments at all levels and cultural heritage management departments.           | / |
| 9.12   | The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made  | Chongzuo Zhuang Nationality Museum has opened a long-term special display of "The Marvelous Works of the Luoyue People – Exhibition of Zuojang Huashan Rock Art Cultural Landscape" to raise visitors' awareness and understanding of the heritage.      | Long-term (since 2015).                                  | Chongzuo Zhuang Nationality Museum.   | / |

Summary - Management Needs completed

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

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

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

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

Zuojang Huashan Rock Art Cultural Landscape has experienced more than 2,000 years of weathering since the Warring States period. Except for the partial weathering and cracking of the rock surface, the whole body remains basically intact, and the colors are still as brilliant today. The high levels of authenticity and integrity in its Outstanding Universal Value are quite rare in the World Heritage properties.

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   | Positive                                      |
| Management effectiveness  | Positive                                      |
| Quality of life for local communities and indigenous peoples  | Positive                                      |
| Recognition   | Positive                                      |
| Education   | Positive                                      |
| Infrastructure development  | Positive                                      |
| Funding for the property  | Positive                                      |
| International cooperation   | Positive                                      |
| Political support for conservation  | Positive                                      |
| Legal/Policy framework  | Positive                                      |
| Advocacy  | Positive                                      |
| Institutional coordination  | Positive                                      |
| Security  | Positive                                      |
| Gender equality   | Positive                                      |
| Provision of ecosystem services/ benefits to local communities  | Positive                                      |
| Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status | 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  | Protection and transmission of ethnic culture |

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

Based on its landscape construction and pictorial expression, Zuojang Huashan Rock Art Cultural Landscape vividly depicts the spiritual world and social development of the Luoyue people, as well as the dynamic ritual tradition formed by the dance rituals and rock paintings. It is the only testimony to this tradition. The bronze drums in rock art and related contents are highly symbolic records of the long history of the bronze drum culture in southern China, which is still prevalent today.

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

Zuojang Huashan Rock Art Cultural Landscape is typical karst landscape in southern China. It has experienced 2,000 years of wind and rain erosion and other damages threatening its safety. After more than ten years of scientific research, we have identified the causes of the weathering, cracking and falling of the rock body. Following the principle of "minimal intervention" in the maintenance of cultural relics, we carried out reinforcement of the rock cracks with water-hardened lime, which effectively controlled the damages and established a model case of rock art conservation.

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

|                         |
|-------------------------|
| Sustainable Development |
| Synergies               |
| State of Conservation   |
| Management              |
| Governance              |
| Capacity Building       |

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

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

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

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

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

15.2. Use of Data

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

|  |
|--|
| Revision of priorities/strategies/policies for the protection, management and conservation of heritage |
| Update of management plans   |
| Fundraising  |
| Awareness raising  |

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

The statistics of the current of periodic reports on Zuojiang Huashan Rock Art Cultural Landscape come from the front-line monitoring, inspections and conservation management of the heritage property. The statistics are true and valid.

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                  |
| Local communities   |
| External experts  |

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

Gender balance has been given limited consideration and implementation is in process.

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

No

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

|                     |
|---------------------|
| 1440 / 2880 / 360 / |
|---------------------|

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?

Not 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

1. Six years between each round of reporting is too long. We suggest a 4-year-round, which is conducive to the handover and inheritance between the predecessor and successor reporters. 2. Some parts of the reporting template are not easy to understand and should be improved.

15.5. Training and Guidance

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

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

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

|   |                |
|---|----------------|
| UNESCO World Heritage Centre                      | Fair           |
| State Party Representative (national Focal Point) | Good           |
| UNESCO other sectors (e.g. field office)          | Fair           |
| National Commission for UNESCO                    | No support     |
| ICOMOS International                              | Poor           |
| ICCROM International/regional                     | No support     |
| ICOMOS national/regional                          | Good           |
| IUCN national/regional                            | Not applicable |
| IUCN International                                | Not applicable |

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

No

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

We would like to have more opportunities of face-to-face training on filling out the report. In this way, we can fully discuss and solve the difficult issues found in the process of reporting, and therefore ensure a higher level of accuracy.

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

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

• Geographic information table

Reason for update: Modifications to the name of 1508-001: Change "Ningming and Longshan Heritage Site" to "Ningming Heritage Site". The geographic coordinates of the centers of three heritage sites are listed as follows: 1. N22 14 00 E107 03 00; 2. N22 24 00 E107 06 00; 3. N22 32 00 E107 34 00.

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 reason we can finish this cycle of periodic reporting in such a short period is because of the strong support from the National Cultural Heritage Administration of China, Chinese Academy of Cultural Heritage, the Cultural Heritage Bureau of the Department of Culture and Tourism of Guangxi Zhuang Autonomous Region, Huashan Rock Art Management Committee of Chongzuo City, relevant management departments of Ningming County, Longzhou County, Jiangzhou County and Fusui County (District).

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