

Białowie a Forest

1. World Heritage Property Data

1.1 - Name of World Heritage property



Białowie a Forest

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|-------------------|-----------------|---------------|------------------|------------|------------------|
| | 0 / 0 | ? | ? | ? | |
| | 0 / 0 | ? | ? | ? | |
| Białowieza Forest | 52.728 / 23.981 | 82308 | 130873 | 213181 | 2014 |
| Białowieza Forest | 52.728 / 23.899 | 59577 | 35835 | 95412 | 2014 |
| Total (ha) | | 141885 | 166708 | 308593 | |

1.4 - Map(s)

| Title | Date | Link to source |
|---|------|---|
| Belovezhskaya Pushcha /Białowieza Forest UNESCO - map of inscribed property | 2009 |  |
| Białowie a Forest - map of inscribed extension | 2014 |  |

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

1. [Natural site datasheets from WCMC: Belovezhskaya Pushcha National Park \(Belarus\)](#)
2. [Belovezhskaya Pushcha National Park](#)
3. [Białowieza Forest, Poland](#)
4. [Białowieski National Park](#)
5. [Belavezhskaya Puscha \(Virtual Guide to Belarus\)](#)
6. [Białowie a National Park](#)
7. [UNESCO World Heritage Sites in Bosnia and Herzegovina](#)

Comment

Links 1-3 guide to "Sorry, we couldn't find what you're looking for" unep-wcmc.org pages 5. Should be: <https://en.unesco.org/biosphere/eu-na/bialowieza> 6. works properly, validate 7. works properly, validate 8. Bosnia and Herzegovina sites are not parts of Białowie a Forest World Heritage Site - the whole point 8 should be removed

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

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

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

2.2 - Please provide comments on 2.1 if necessary

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

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

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

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

Yes

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
Tree beekeeping culture - Poland and Belarus, inscribed in 2020.

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?
No

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value
Brief synthesis

Bialowieza Forest is a large forest complex located on the border between Poland and Belarus. Thanks to several ages of protection the Forest had survived in its natural state to this day. The Bialowieza National Park, Poland, was inscribed on the World Heritage List in 1979 and extended to include Belovezhskaya Pushcha, Belarus, in 1992. A large extension of the property in 2014 results in a property of 141,885 ha with a buffer zone of 166,708 ha.

This property includes a complex of lowland forests that are characteristics of the Central European mixed forests terrestrial ecoregion. The area has exceptionally conservation significance due to the scale of its old growth forests, which include extensive undisturbed areas where natural processes are on-going. A consequence is the richness in dead wood, standing and on the ground, and consequently a high diversity of fungi and saproxylic invertebrates. The property protects a diverse and rich wildlife of which 59 mammal species, over 250 bird, 13 amphibian, 7 reptile and over 12,000 invertebrate species. The iconic symbol of the property is the European Bison: approximately 900 individuals in the whole property which make almost 25% of the total world's population and over 30% of free-living animals.

Criterion (ix): Bialowieza Forest conserves a diverse complex of protected forest ecosystems which exemplify the Central European mixed forests terrestrial ecoregion, and a range of associated non-forest habitats, including wet meadows, river valleys and other wetlands. The area has an exceptionally high nature conservation value, including extensive old-growth forests. The large and integral forest area supports complete food webs including viable populations of large mammals and large carnivores (wolf, lynx and otter) amongst other. The richness in dead wood, standing and on the ground, leads to a consequent high diversity of fungi and saproxylic invertebrates. The long tradition of research on the little disturbed forest ecosystem and the numerous publications, including description of new species, also contributes significantly to the values of the nominated property.

Criterion (x): Bialowieza Forest is an irreplaceable area for biodiversity conservation, due in particular to its size, protection status, and substantially undisturbed nature. The property is home to the largest free-roaming population of European Bison, which is the iconic species of this property. However the biodiversity conservation values are extensive, and include protection for 59 mammal species, over 250 bird species, 13 amphibians, 7 reptiles, and over 12,000 invertebrates. The flora is diverse and regionally significant, and the property also is notable for conservation of fungi. Several new species have been described here and many threatened species are still well represented.

Integrity

The property is a large, coherent area conserved via a range of protective designations representing the full range of forest ecosystems of the region, and providing habitat for large mammals. The presence of extensive undisturbed areas is crucial to its nature conservation values. Some of the ecosystems represented in the property (wet meadows, wetlands, river corridors) require maintenance through active management, due to the decrease of water flow and absence of agriculture (hay cutting). The buffer zone that has been proposed by both State Parties appears sufficient to provide effective protection of the integrity of the property from threats from outside its boundaries. There are some connectivity challenges, from barriers inside the property, and its relative isolation within surrounding agricultural landscapes, that require continued management and monitoring.

Protection and management requirements

The property benefits from legal and institutional protection in both States Parties, through a variety of protected area designations.

Protection and management requires strong and effective cooperation between the States Parties, and also between institutions in each State Party. The Bialowieza National Park (Poland), the Polish Forestry Administration and the Belovezhskaya Pushcha National Park authorities have entered into an agreement regarding preparation and implementation of an integrated management plan for the nominated property, and to establish a transboundary steering group. In addition the State Party of Poland has developed an agreement establishing a Steering Committee between the National Park and the Forest Administration aiming to achieve a coordinated approach to integrated management. It is essential to ensure the effective functioning of this Steering Committee, including through regular meetings, and its input to transboundary coordination and management. It is essential that the national parks of both States Parties maintain effective and legally adopted management plans, and an adopted management plan for the Bialowieza National Park (Poland), to support its inclusion in the property, is an essential and long-term requirement.

It is essential to ensure that the integrated management plan for the property addresses all key issues concerning the effective management of this property, particularly forest, meadows and wetlands management, and that it is adequately funded on a long term basis to ensure its effective implementation.

Effective and well-resourced conservation management is the main long-term requirement to secure the property, and maintain the necessary management interventions that sustain its natural values. Threats that require long-term attention via monitoring and continued management programmes include fire management, the impacts of barriers to connectivity, including roads, firebreaks and the border fence. There is also scope to continually improve aspects of the management of the property, including in relation to ensuring connectivity within the property, and in its wider landscape, and to also secure enhanced community engagement.

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 | A diverse complex of protected forest ecosystems and non-forest habitats; this large and dense forest area is home to viable populations of large mammals that form a complete food web. The abundance of dead trees - both standing and lying - leads to a large diversity of species of fungi and saproxylic invertebrates. | ✘ | | | |

| | | | | | |
|--------|---|---|--|--|--|
| 3.2.2 | he area is irreplaceable for the preservation of biodiversity, due to its size, protected status and almost untouched nature, which ensures the protection of hundreds of species: mammals (including free-living bison), birds, amphibians, reptiles, over 12,000 species of invertebrates, as well as a variety of flora and fungi, many of which are threatened with extinction. | ✕ | | | |
| 3.2.3 | The site is a large, coherent area subject to various protection regimes, covering all types of forest ecosystems in the region and constituting a natural habitat for large mammals. The presence of vast, untransformed areas is the essence of nature conservation. | ✕ | | | |
| 3.2.4 | | ✕ | | | |
| 3.2.5 | | | | | |
| 3.2.6 | | | | | |
| 3.2.7 | | | | | |
| 3.2.8 | | | | | |
| 3.2.9 | | | | | |
| 3.2.10 | | | | | |
| 3.2.11 | | | | | |
| 3.2.12 | | | | | |
| 3.2.13 | | | | | |
| 3.2.14 | | | | | |
| 3.2.15 | | | | | |

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

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

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

- Relevant, Negative, Potential, Outside

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

4.1.2 - Commercial development

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

- Not relevant

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

4.1.3 - Industrial areas

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

- Not relevant

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

4.1.4 - Major visitor accommodation and associated infrastructure

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

- Not relevant

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

4.1.5 - Interpretative and visitation facilities

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

- Not relevant

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

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

4.2.2 - Underground transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

4.2.3 - Air transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

4.2.4 - Marine transport infrastructure

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

- Not relevant

Relevant

✕ Not relevant

4.2.5 - Effects arising from use of transportation infrastructure

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

- Not relevant

Relevant

✕ Not relevant

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

4.3. Services Infrastructures

4.3.1 - Water infrastructure

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

- Relevant, Negative, Potential, Outside

✕ Relevant

Not relevant

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

4.3.2 - Renewable energy facilities

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

- Not relevant

✕ Relevant

Not relevant

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

4.3.3 - Non-renewable energy facilities

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

- Not relevant

Relevant

✕ Not relevant

4.3.4 - Localised utilities

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

- Not relevant

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

4.3.5 - Major linear utilities

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

- Not relevant

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

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

4.4. Pollution

4.4.1 - Pollution of marine waters

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

- Not relevant

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

4.4.2 - Ground water pollution

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

- Not relevant

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

4.4.3 - Surface water pollution

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

- Relevant, Negative, Potential, Outside

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

4.4.4 - Air pollution

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

- Relevant, Negative, Potential, Outside

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

4.4.5 - Solid waste

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

- Not relevant

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

4.4.6 - Input of excess energy

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

- Not relevant

Relevant

✕ Not relevant

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

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

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

- Not relevant

Relevant

✕ Not relevant

4.5.2 - Aquaculture

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

- Not relevant

Relevant

✕ Not relevant










4.5.3 - Land conversion

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

- Relevant, Positive, Current, Outside

✕ Relevant

Not relevant

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

4.5.4 - Livestock farming/Grazing of domesticated animals

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

- Not relevant

Relevant

✕ Not relevant

4.5.5 - Crop production

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

- Not relevant

Relevant

✕ Not relevant

4.5.6 - Commercial wild plant collection

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

- Not relevant

Relevant

✕ Not relevant









4.5.7 - Subsistence wild plant collection

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

- Relevant, Negative, Potential, Inside

✕ Relevant

Not relevant

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

4.5.8 - Commercial hunting

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

- Not relevant

Relevant

✕ Not relevant

4.5.9 - Subsistence hunting

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

- Not relevant

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

4.5.10 - Forestry/Wood production

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

- Relevant, Positive, Current, Outside

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

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

4.6. Physical resource extraction

4.6.1 - Mining

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

- Not relevant

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

4.6.2 - Quarrying

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

- Not relevant

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

4.6.3 - Oil and gas

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

- Not relevant

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

4.6.4 - Water (extraction)

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

- Not relevant

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

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







4.7. Local conditions affecting physical fabric

4.7.1 - Wind

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

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

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

| | | | | | | | |
|--|---|---|--|---|--|--|---|
|  Negative  |  |  | |  | | |  |
|--|---|---|--|---|--|--|---|

4.7.2 - Relative humidity

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

- Not relevant

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

4.7.3 - Temperature

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



- Relevant, Negative, Potential, Outside

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

4.7.4 - Radiation/Light

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

- Relevant, Negative, Potential, Outside

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

4.7.5 - Dust

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

- Not relevant

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

4.7.6 - Water (rain/water table)

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

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.7.7 - Pests

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

- Not relevant















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

4.7.8 - Micro-organisms

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

- Not relevant

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

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

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

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

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

- Not relevant

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

4.8.2 - Society's valuing of heritage

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

- Not relevant

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

4.8.3 - Indigenous hunting, gathering and collecting

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


- Not relevant

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

4.8.4 - Changes in traditional ways of life and knowledge system

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

- Not relevant




















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

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

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

- Relevant, Negative, Potential, Outside

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

















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

4.8.6 - Impacts of tourism/Visitation/Recreation

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

- Relevant, Positive, Current, Outside

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

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

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

4.9. Other human activities

4.9.1 - Illegal activities

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

- Not relevant

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

4.9.2 - Deliberate destruction of heritage

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

- Not relevant

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

4.9.3 - Military training

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

- Not relevant

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

4.9.4 - War

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

- Not relevant

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

4.9.5 - Terrorism

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

- Not relevant

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

4.9.6 - Civil unrest

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

- Not relevant

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

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

4.10. Climate change and severe weather events

4.10.1 - Storms

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

- Relevant, Negative, Potential, Outside

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

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

4.10.2 - Flooding

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

- Not relevant

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

4.10.3 - Drought

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

- Relevant, Negative, Potential, Outside

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

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

4.10.4 - Desertification

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

- Not relevant

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

4.10.5 - Changes to oceanic waters

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

- Not relevant

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

4.10.6 - Temperature change

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

- Relevant, Negative, Potential, Outside

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

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

4.10.7 - Other climate change impacts

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

- Not relevant

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

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

4.10.3, 4.10.6

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

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

- Not relevant

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

4.11.2 - Earthquake

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

- Not relevant

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

4.11.3 - Tsunami/Tidal wave

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

- Not relevant

Relevant

✕ Not relevant

4.11.4 - Avalanche/Landslide

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

- Not relevant

Relevant

✕ Not relevant

4.11.5 - Erosion and siltation/Deposition

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

- Not relevant

Relevant

✕ Not relevant







4.11.6 - Fire (wildfire)

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

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant

Not relevant

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

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

4.12. Invasive/alien species or hyper-abundant species










4.12.1 - Translocated species

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

- Not relevant

✕ Relevant

Not relevant

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











4.12.2 - Invasive/Alien terrestrial species

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

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant

Not relevant

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

4.12.3 - Invasive/Alien freshwater species

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

- Not relevant

Relevant

✕ Not relevant

4.12.4 - Invasive/Alien marine species

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

- Not relevant

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

4.12.5 - Hyper-abundant species

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

- Relevant, Negative, Current, Potential, Inside, Outside

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

4.12.6 - Modified genetic material

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

- Not relevant

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

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

4.12.5

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

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

4.13.2 - Legal framework

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

4.13.3 - Governance

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

4.13.4 - Management activities

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

- Relevant, Positive, Negative, Current, Inside, Outside

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

4.13.5 - Financial resources

Relevant

✕ Not relevant

4.13.6 - Human resources

✕ Relevant

Not relevant

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


4.13.7 - Low impact research/monitoring activities

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

- Relevant, Positive, Current, Inside, Outside

✕ Relevant

Not relevant

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

4.13.8 - High impact research/monitoring activities

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

- Not relevant

Relevant

✕ Not relevant

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

Lack of Management plan and unclear legal framework - the plan preparation is currently on-going process. The plan, as what we are aware right now, will - among the others - include directions for preaparing proposalls to adjust legal framework for managing the UNESCO World Heritage Objects. The plan should be prepared this (2023) year, however the date of approval is difficult to predict.

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 |  |  | |  |  | |
| 4.3 Services Infrastructures | | | | | | |
| 4.3.1 Water infrastructure |  |  | |  |  | |
| |  |  | | |  | |
| 4.3.2 Renewable energy facilities |  |  | | |  | |
| |  |  | |  |  | |
| 4.4 Pollution | | | | | | |
| 4.4.3 Surface water pollution |  |  |  |  |  | |
| 4.4.4 Air pollution |  |  | |  | | |
| 4.4.5 Solid waste | | | | | | |







| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| 4.5 Biological resource use/modification | | | | | | |
| 4.5.3 Land conversion | | | | | | |
| | | | | | | |
| 4.5.7 Subsistence wild plant collection | | | | | | |
| | | | | | | |
| 4.5.9 Subsistence hunting | | | | | | |
| | | | | | | |
| 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 | | | | | | |
| | | | | | | |
| 4.7.6 Water (rain/water table) | | | | | | |
| | | | | | | |
| 4.7.7 Pests | | | | | | |
| | | | | | | |
| 4.7.8 Micro-organisms | | | | | | |
| | | | | | | |
| 4.8 Social/Cultural uses of heritage | | | | | | |
| 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 | | | | | | |
| 4.9.2 Deliberate destruction of heritage | | | | | | |
| | | | | | | |
| 4.9.3 Military training | | | | | | |
| | | | | | | |
| 4.9.4 War | | | | | | |
| | | | | | | |
| 4.9.6 Civil unrest | | | | | | |
| | | | | | | |
| 4.10 Climate change and severe weather events | | | | | | |
| 4.10.1 Storms | | | | | | |
| | | | | | | |
| 4.10.3 Drought | | | | | | |
| | | | | | | |
| 4.10.6 Temperature change | | | | | | |

| | | | | | | |
|--|---------|-----------|----------|----------|--------|---------|
| | | | | | | |
| 4.11 Sudden ecological or geological events | | | | | | |
| 4.11.6 Fire (wildfire) | | | | | | |
| | | | | | | |
| 4.12 Invasive/alien species or hyper-abundant species | | | | | | |
| 4.12.1 Translocated species | | | | | | |
| | | | | | | |
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| | | | | | | |
| 4.12.5 Hyper-abundant species | | | | | | |
| | | | | | | |
| 4.13 Management and institutional factors | | | | | | |
| 4.13.1 Management system/Management plan | | | | | | |
| | | | | | | |
| 4.13.2 Legal framework | | | | | | |
| | | | | | | |
| 4.13.3 Governance | | | | | | |
| | | | | | | |
| 4.13.4 Management activities | | | | | | |
| | | | | | | |
| 4.13.6 Human resources | | | | | | |
| | | | | | | |
| 4.13.7 Low impact research/monitoring activities | | | | | | |
| | | | | | | |
| Legend | Current | Potential | Negative | Positive | Inside | Outside |

4.16. Assessment of current and potential positive and negative factors







4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

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

4.3 Services Infrastructures

| Name | Impact | | | Origin | Trend |
|----------------------------|---|---|---|---|---|
| 4.3.1 Water infrastructure |  |  | |  |  |
| |  | |  | |  |

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

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

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

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

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

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years

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

4.4 Pollution

| Name | Impact | Origin | Trend |
|-------------------------------|---------------------------------------|---------------------------|--------------|
| 4.4.3 Surface water pollution | <div></div> <div></div> <div></div> | <div></div> <div></div> | <div></div> |
| | <div>-</div> <div></div> <div>📢</div> | <div>🔄</div> <div>🔄</div> | <div>↗</div> |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

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

| Name | Impact | | | Origin | | Trend |
|---------------------|--------|--|---|--------|---|-------|
| 4.4.4 Air pollution | | | | | | |
| | ⊖ | | 📌 | | 🔄 | |

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

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

| Name | Impact | Origin | Trend |
|-------------------|--|--|--|
| 4.4.5 Solid waste | | | |
| | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> | <div> <div></div> <div></div> <div></div> </div> |

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

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

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

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

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

4.5 Biological resource use/modification

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




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

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

| Name | Impact | | | Origin | | Trend |
|---|--------|--|---|--------|--|-------|
| 4.5.7 Subsistence wild plant collection | | | | | | |
| | ⊖ | | 📢 | 🌱 | | |

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

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

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




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

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

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

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

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









| Name | Impact | | | Origin | | Trend |
|---------------------------------|---|--|---|--------|---|---|
| 4.5.10 Forestry/Wood production |  | |  | |  |  |
| | | | | | | |

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

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

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

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 | | | |
| | <div> <div></div> <div></div> <div></div> </div> | | |
| | <div> <div></div> <div></div> <div></div> </div> | | |

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

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

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







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

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

| Name | Impact | Origin | Trend |
|-----------------------|--|--------|-------|
| 4.7.4 Radiation/Light | | | |
| | <div> <div></div> <div></div> <div></div> </div> | | |
| | <div> <div></div> <div></div> <div></div> </div> | | |

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

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

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

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

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

| Name | Impact | | | Origin | | Trend |
|-------------|--------|---|---|--------|--|-------|
| 4.7.7 Pests | | | | | | |
| | ⊖ | 📉 | 📈 | 🌐 | | ➡ |

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

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

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

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

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










| Name | Impact | | | Origin | | Trend |
|-----------------------|--------|--|---|--------|---|-------|
| 4.7.8 Micro-organisms | | | | | | |
| | ⊖ | | 📈 | 🌐 | 🔄 | ➡ |

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

| Temporal scale - Occurence of the impact | |
|--|--|
|--|--|







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

4.8 Social/Cultural uses of heritage

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

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

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

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

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





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

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

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






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

4.9 Other human activities

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





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

| | |
|--|--------------------------------|
| | Widespread |
| Temporal scale - Occurrence of the impact | |
| ✕ | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| | On-going |
| Impact - Impact on the attributes | |
| ✕ | Insignificant |
| | Minor |
| | Significant |
| | Major |
| Management response - Capacity of management to respond | |
| | 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 |
|-------------------------|---|---|---|
| 4.9.3 Military training | | | |
| |  |  |  |
| | |  |  |

| | |
|--|--------------------------|
| 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 |
|-----------|---|--|---|--------|---|---|
| 4.9.4 War | | | | | | |
| |  | |  | |  |  |

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 |
|--------------------|---|---|--|--------|---|---|
| 4.9.6 Civil unrest | | | | | | |
| |  |  | | |  |  |

Spatial scale - Area affected by the factor

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





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

4.10 Climate change and severe weather events

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

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

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

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





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

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

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

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

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

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

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





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

4.11 Sudden ecological or geological events

| Name | Impact | | | Origin | | Trend |
|--|--------------------------|--|--|--------|--|-------|
| 4.11.6 Fire (wildfire) | | | | | | |
| | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | |
| | Restricted | | | | | |
| ✕ | Localised | | | | | |
| | Extensive | | | | | |
| | Widespread | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | |
| | One off or rare | | | | | |
| ✕ | Intermittent or sporadic | | | | | |
| | Frequent | | | | | |
| | On-going | | | | | |
| Impact - Impact on the attributes | | | | | | |
| | Insignificant | | | | | |
| ✕ | Minor | | | | | |
| | Significant | | | | | |
| | Major | | | | | |
| Management response - Capacity of management to respond | | | | | | |

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

4.12 Invasive/alien species or hyper-abundant species

| Name | Impact | Origin | Trend |
|-----------------------------|---|---|---|
| 4.12.1 Translocated species | | | |
| |  |  |   |





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

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

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







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

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

| Name | Impact | | | Origin | | Trend |
|---|---|---|---|--------|---|---|
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| |  |  |  | |  |  |

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





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

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

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

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

4.13 Management and institutional factors

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

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

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

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

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

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

Spatial scale - Area affected by the factor

Restricted

Localised

✕

Extensive

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

Frequent

✕

On-going

Impact - Impact on the attributes

Insignificant

Minor

✕

Significant

Major

Management response - Capacity of management to respond

High capacity

Medium capacity

✕

Low capacity

No capacity and / or resources

Trend - Developement over the last 6 years

Decreasing

✕

Static

Increasing

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

Spatial scale - Area affected by the factor

Restricted

Localised

Extensive

✕

Widespread

Temporal scale - Occurence of the impact

One off or rare

Intermittent or sporadic

Frequent

✕

On-going











Impact - Impact on the attributes

Insignificant

✕

Minor

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





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

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





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

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

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

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

| | | | | | | | |
|--|--------------------------------|--|--|--|--|--|--|
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| X | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| X | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| X | Significant | | | | | | |
| | Major | | | | | | |
| Management response - Capacity of management to respond | | | | | | | |
| | 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 |
|--|---|---|--|---|---|---|
| 4.13.7 Low impact research/monitoring activities |  |  | |  |  |  |
| | | | | | | |

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

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

4.17. Serial inscriptions (national or transnational)

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

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 | | | | | |
| 4.18.1.2 | | | | | |
| 4.18.1.3 | | | | | |
| 4.18.1.4 | | | | | |
| 4.18.1.5 | | | | | |

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 the management authority **but are not known** by 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 the management authority **but are not known** by local communities/landowners

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

5.2. Protective Measures

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

Belarus

The legal basis for the conservation of biological diversity in the Republic of Belarus is structured around general and special laws; particularly, the Land Code of the Republic of Belarus (1999), Forest Code (2000), the Law of the Republic of Belarus on Special Protected Natural Areas (1994, 2000), the Law of the Republic of Belarus on State Ecological Examination (Environmental Impact assessment) (2000).

- Laws of the Republic of Belarus "On the Environment Protection" (1992),
- "On Specially Protected Natural Territories" (1994),
- "On Use of the Animal World" (1996);
- Land Code of the Republic of Belarus (1999);
- Law of the Republic of Belarus "On Flora" (2003);
- Forest Code of the Republic of Belarus (2000);
- Decree of the Belarusian President No.59 of 02/09/2012, which approved the Regulation on Belovezhskaya Puscha National Park

Poland

Protected areas in Poland have been established under the 16th October 1991 Act of Nature Protection. The Act defines the concept of a national park as well as other forms of nature protection, whereby national parks in Poland are given the highest degree of protection which is administratively implemented by the state.

In order to ensure the proper functioning of the Białowieża National Park and its protection, the protection plan, according to the art. 20 of the Nature Conservation Act from 16th April 2004 (Journal of Laws, 2009, no. 151, item 1220, with later amendments), is prepared for the period of 20 years. Regulations of art. 18, 19 and 20 of the quoted act define who and when prepares the project of the protection plan for the national park. They also define the range of information which should be considered while preparing the project of the protection plan and what elements the project should contain. According to art. 30 sec. 1 in connection with the art. 29 of the act, the protection plan of the national park become the protection plan for the Natura 2000 area situated within the borders of the Park.

- Nature Conservation Act (Poland; 16th April 2004 / Journal of Laws, 2009, no. 151, item 1220, with later amendments)

Source: Periodic Reporting Cycle 2

Comment

There is also the area of the Natura 2000 outside the national park, managed by State Forests. For this area, according to the Nature Conservation Act, there is a separate protection plan, or protective tasks plan. Also, according to the Forest Law Act (September 28th 1991), each forest district has its' own management plan (covering the period of 10 years).

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

1991 / Forest Act / Act / yes /
<https://isap.sejm.gov.pl/isap.nsf/download.xsp/WDU19911010444/U/D19910444Lj.pdf>

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?

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

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

The **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

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

The **legal framework** for the broader setting of the World Heritage property is **inadequate** to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property

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

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

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

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

5.3. Management System/Management Plan

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

Public management system 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.

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

A disaster, climate or conflict risk management plan

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

An integrated management plan preparation combining World Heritage and any other designations is currently an on-going process. The initial deadline of its' preparation was March 2023. Submitting the project of the plan will be followed by public consultation and later on approved. The date of an official approval is difficult to predict.

5.3.4 - Management Documents

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

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

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

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

Some use has been made of the World Heritage Policy for Climate Change

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

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

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 **only partially adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **only partially implemented**

5.3.14 - Is there an annual work/action plan and is it being implemented?

No annual work/action plan exists and it is **not needed**

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

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

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

| | | Not applicable | Non-existent | Poor | Fair | Good |
|-----------|---|----------------|--------------|------|------|------|
| 5.3.16.1 | Local communities | | | | ✗ | |
| 5.3.16.2 | Local/Municipal authorities | | | | ✗ | |
| 5.3.16.3 | Indigenous peoples | ✗ | | | | |
| 5.3.16.4 | Landowners | | | ✗ | | |
| 5.3.16.5 | Women | | | | ✗ | |
| 5.3.16.6 | Youth/Children | | | | ✗ | |
| 5.3.16.7 | Researchers | | | | ✗ | |
| 5.3.16.8 | Local Visitors/Tourists | | | | ✗ | |
| 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 | | | | | |

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

| | | Not applicable | No contribution | Limited | Significant | Full achievement |
|----------|--|----------------|-----------------|---------|-------------|------------------|
| 5.3.17.1 | The management system of the property contributes to gender equality | ✗ | | | | |
| 5.3.17.2 | The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants) | | | ✗ | | |
| 5.3.17.3 | The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status | | ✗ | | | |
| 5.3.17.4 | The management system of the property integrates a human rights-based approach | ✗ | | | | |
| 5.3.17.5 | The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood | | ✗ | | | |
| 5.3.17.6 | The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property | | ✗ | | | |

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

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

6. Financial and Human Resources

6.1. Funding

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

| | | Project costs | Running costs |
|----------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.) | 0 % | 0 % |
| 6.1.1.2 | Bilateral international funding | 0 % | 0 % |
| 6.1.1.3 | World Heritage Fund (International Assistance) | 0 % | 0 % |
| 6.1.1.4 | Contribution from other conventions and programmes | 85 % | 0 % |
| 6.1.1.5 | International donations (NGOs, foundations, etc.) | 0 % | 0 % |
| 6.1.1.6 | Governmental (national/federal) | 15 % | 45 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | 0 % | 9 % |
| 6.1.1.8 | Governmental (local/municipal) | 0 % | 45 % |
| 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 % | 1 % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 % | 0 % |
| 6.1.1.12 | Other | 0 % | 0 % |
| | | Total 100 % | Total 100 % |

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

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

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

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

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

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

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

| | | From local communities % | From elsewhere % |
|---------|-------|--------------------------|------------------|
| 6.1.6.1 | Men | 50 % | 40 % |
| 6.1.6.2 | Women | 50 % | 60 % |
| | | Total 100 % | Total 100 % |

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

No human resources are dedicated to managing the property despite an identified need

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

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

| | |
|--|---------------|
| Conservation | Fair |
| Environmental sustainability | Fair |
| Community participation and inclusion | Poor |
| Risk preparedness | Not available |
| Capacity development and education | Poor |
| Administration | Fair |
| Research and monitoring | Fair |
| Awareness raising and public information/communication | Not available |
| Marketing and promotion | Poor |
| Interpretation | Poor |
| Visitor management/tourism | Fair |
| Enforcement (custodians, police) | Poor |

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

Some use has been made of the World Heritage Strategy for Capacity Building

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

There is **no site-based** capacity building plan or programme in place; management is implemented by external staff and skills are not transferred

6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training**7. Scientific Studies and Research Projects****7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values and attributes of the World Heritage property is **insufficient**

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

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

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

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

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

7.3 The most accurate answer to this question would be: Research results are shared with local communities and some national agencies, but there is a big gap between research results and its use in everyday practice.

8. Education, Information and Awareness Building

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

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

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

There is a **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?

| |
|---------------------------------|
| Youth/children |
| Local Visitors |
| National/international tourists |

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

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

9. Visitor Management

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

| |
|---|
| 10000 / 143000 / 159000 / 174000 / 156000 / |
|---|

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

Entry tickets and registries

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

Overnight stay

9.4 - Please provide the source of information

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

45 / 25 / 40 / 15 / 10 / 12 /

9.6 - Please provide the source of information

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 **no strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

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

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

There is **some management** of the visitor use of the World Heritage property

9.10 - Is the effectiveness of tourism management regularly monitored?

No

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 **contact** between those responsible for the World Heritage property and the tourism industry but this is **largely confined to administrative or regulatory matters**

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

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

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

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

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

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

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

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

Yes

If 'Yes', please specify

taxes

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

10. Monitoring

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

There is a **small amount of monitoring**, but it is not planned

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 **sufficient to define key indicators**, but this has not been done

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

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

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

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

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

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

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

Implementation is underway

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

The amangement plan is prepared and right now awaiting for publication to public consultations by the Ministry of Environment.

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

| | | |
|--------|---|---|
| 5.1 | Boundaries and Buffer Zones | |
| 5.1.2 | The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners | |
| 5.1.4 | The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners | |
| 5.2 | Protective Measures | |
| 5.2.3 | An adequate legal framework for maintaining of 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 | The legal framework for the broader setting of the World Heritage property and the buffer zone is inadequate to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | × |
| 5.2.6 | There is acceptable capacity/resources to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain | |
| 5.3 | Management System/Management Plan | |
| 5.3.7 | Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | × |
| 5.3.9 | Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | |
| 5.3.11 | There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved | |
| 5.3.12 | The management system/plan is only partially adequate to maintain the property's Outstanding Universal Value | |
| 5.3.13 | The management system at the property is only being partially implemented | |

| | | |
|--|---|---|
| 5.3.17 | <ul style="list-style-type: none"> • In a limited manner, the management system of the World Heritage property does provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants) • The management system of the World Heritage property does not contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status • The management system of the World Heritage property does not contribute to fostering inclusive local economic development, and to enhancing livelihood • The management system of the World Heritage property does not contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property | |
| 6.1 | Funding | |
| 6.1.3 | The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property | |
| 6.1.4 | Existing sources of funding are not secure | |
| 6.1.7 | No human resources are dedicated to managing the World Heritage property despite an identified need | ✗ |
| 6.1.10 | Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | ✗ |
| 6.1.12 | There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred | |
| 7 | Scientific Studies and Research Projects | |
| 7.1 | Knowledge about the values and attributes of the World Heritage property is insufficient | |
| 7.2 | There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value | |
| 8 | Education, Information and Awareness Building | |
| 8.2 | There is a limited and ad hoc education and awareness programme for children and/or youth | ✗ |
| 9 | Visitor Management | |
| 9.7 | There is no strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property | |
| 9.9 | There is some management of the visitor use of the World Heritage property | ✗ |
| 9.11 | There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters | ✗ |
| 9.12 | The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made | |
| 10 | Monitoring | |
| 10.1 | There is a small amount of monitoring at the World Heritage property, but it is not planned | ✗ |
| 10.2 | Information on the values of the World Heritage property is sufficient to define key indicators, but this has not been done | |
| Please select 2 more issues. | | |
| <input checked="" type="checkbox"/> 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

| 4.3 | Services Infrastructures | | | | | | |
|-------|--|------------------------------------|---|---|----------|---|---|
| 4.3.1 | Water infrastructure | Biodiversity and natural processes | Siemianówka Nature Reserve, established to and observe the influence on the Object. | Ornitological research, monitoring of the influence of artificial Siemianówka lake on the forest ecosystem. | on-going | The Regional Directorate of Environment Protection in Białystok, State Water Holding Polish Waters. | The Siemianówka lake is an artificial lake built in 1977–1990. The lake and surroundings are the ideal place for many bird species. |
| 4.7 | Local conditions affecting physical fabric | | | | | | |
| 4.7.3 | Temperature | Biodiversity and natural processes | Monitoring | On-going | constant | Forestry Research Institute | There is a low for influence of locally undertaken initiatives. |

| | | | | | | | |
|-------|--------------------------|------------------------------------|--|----------|---|---|---|
| 4.7.6 | Water (rain/water table) | Biodiversity and natural processes | Monitoring, the project of slowing down intermittent rain water was developed, the implementation is not done yet (included however in the planned project of hydrogenic sites protection "Wetlands Green Life". | on-going | The project of slowing down intermittent rain water was developed in 2021, it is expected to last for 10 years. | The Bureau of Forest Management and Geodesy, in cooperation with General Directorate of Environment Protection and Agricultural University in Cracow. | The field actions of Wetlands Green Life project are supported by State Forest Holding. |
|-------|--------------------------|------------------------------------|--|----------|---|---|---|

4.8 Social/Cultural uses of heritage

| | | | | | | | |
|-------|--|------------------------------------|---|--|----------|---------------------|---|
| 4.8.5 | Identity, social cohesion, changes in local population and community | Biodiversity and natural processes | Infrastructure investments (roads mainly), cultural and educational activities. | By the Local communities, Białowie a National Park, Forest Districts of Białowie a, Browsk, Hajnówka | on-going | Voluntary processes | The "original" society gets older and young generation mostly migrates to bigger city. People from big cities come to live in the region and although they are usually very enthusiastic about nature, there is different type of connection. |
|-------|--|------------------------------------|---|--|----------|---------------------|---|

4.9 Other human activities

| | | | | | | | |
|-------|-------------------|------------------------------------|---|----------|--|--|---|
| 4.9.3 | Military training | Biodiversity and natural processes | Monitoring and cooperation with services command and a Regional Directorate of Environment Protection | on-going | Since July 2021, on-going (timeframe difficult to predict) | Many - border guard, army, General and Regional Directorates of Environment Protection | Military activities started in 2021, they are connected with migration crisis on the border with Belarus. |
|-------|-------------------|------------------------------------|---|----------|--|--|---|

| | | | | | | | |
|-------|-----|------------------------------------|------------|----------|---------------------|----------------------|--|
| 4.9.4 | War | Biodiversity and natural processes | Monitoring | on-going | Since February 2022 | Government of Poland | The risk of war appeared in February 2022, along with Russian invasion in Ukraine. |
|-------|-----|------------------------------------|------------|----------|---------------------|----------------------|--|

| | | | | | | | |
|-------|--------------|------------------------------------|---|----------|----------|---|--|
| 4.9.6 | Civil unrest | Biodiversity and natural processes | Constant monitoring along with litter collection; Fence built in Białowie a Forest as the way to fight the migration crisis on the border with Belarus is an additional (to existing since 1980's fence on Belarussian site), obstacle for the wildlife | on-going | on-going | Border guard, army, foresters and Białowie a National Park staff. | The is not much influence of site management staff on the clue of the issue. |
|-------|--------------|------------------------------------|---|----------|----------|---|--|

4.10 Climate change and severe weather events

| | | | | | | | |
|--------|--------------------|------------------------------------|------------|--|------------|--|---|
| 4.10.6 | Temperature change | Biodiversity and natural processes | Monitoring | on the level of scientists, state environmental monitoring | on - going | Chief Inspectorate of Environmental Protection | There is many various research done, but poor coordination between them, and therefore rather poor implementation from science level to life. |
|--------|--------------------|------------------------------------|------------|--|------------|--|---|

4.13 Management and institutional factors

| | | | | | | | |
|--------|-----------------------------------|------------------------------------|---|----------|---|---|--|
| 4.13.1 | Management system/Management plan | Biodiversity and natural processes | The management plan for Polish site of the Object is prepared, but the public consultation process did not start yet. | on-going | The management plan should be ready until March 2023. | The Ministry of Climate and Environment | The process seems to be delayed in time. |
|--------|-----------------------------------|------------------------------------|---|----------|---|---|--|

| | | | | | | | |
|--------|-----------------|------------------------------------|---|----|----------------------|--|--|
| 4.13.2 | Legal framework | Biodiversity and natural processes | The need for changes in the law was expressed in the project of Management Plan for the Object. | No | Difficult to predict | The Ministry of Climate and Environment, Polish Government | The need of law adjustment is significant. |
|--------|-----------------|------------------------------------|---|----|----------------------|--|--|

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

| | | | | | |
|--------|---|--|-----------------------|--|--|
| 5.2 | Protective Measures | | | | |
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment |
| 5.2.5 | The legal framework for the broader setting of the World Heritage property and the buffer zone is inadequate to ensure the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | The need for changes in the law was expressed in the project of Management Plan for the Object. The law needs to be changed that way, so to include and standarize UNESCO sites in nature protection system in Poland. | Difficult to predict. | The Ministry of Climate and Environment | The need of law adjustment in Poland was expressed in the project of an Integrated Management Plan. |
| 5.3 | Management System/Management Plan | | | | |
| 5.3.7 | Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | The Policy Document on the Impacts of Climate Change on World Heritage Properties was included while preparing the project of an Intergrated Management Plan. | under way | The Ministry of Climate and Environment | The process of the Integrated Management Plan public consultation and approval is delayed in time. |
| 6.1 | Funding | | | | |
| 6.1.7 | No human resources are dedicated to managing the World Heritage property despite an identified need | The need to appoint a proxy for the facility has been covered in the project of an Integrated Management Plan. | under way | The Ministry of Climate and Environment, the Government of Poland | The process of the Integrated Management Plan public consultation and approval is delayed in time. |
| 6.1.10 | Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | The World Heritage Strategy for Capacity Development at the World Heritage property was included while preparing the project of an Intergrated Management Plan. | under way | Ministry of Climate and Environment | The process of the Integrated Management Plan public consultation and approval is delayed in time. |
| 8 | Education, Information and Awareness Building | | | | |
| 8.2 | There is a limited and ad hoc education and awareness programme for children and/or youth | The ecological and forest education of children and youth is conducted by BNP and State Forests staff, it however not strictly directed on the UNESCO World Heritage Object. | ongoing | BNP, State Forests | The needs on the field of education were identified in the project of Integrated Management Plan. |
| 9 | Visitor Management | | | | |
| 9.9 | There is some management of the visitor use of the World Heritage property | The Białowie a National Park Museum and Education Center, education centers of forest districts, educational trails, touristic trails (foot paths, bicycle trails, horse trails, forest touristic railway) | on-going | Białowie a National Park, forest districts of Białowie a, Browsk, Hajnówka | The educational and tourist infrastructure is not directly aimed on the UNESCO World Heritage Object, but they introduce the values of the site. |

| | | | | | |
|------|---|--|----------|---|--------------|
| 9.11 | There is contact but this is largely confined to administrative or regulatory matters. There is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters . | There are agreements between forest districts and Polish Association of Tourism and Sightseeing, applying to the management of touristic trails and exchanging of information. | on-going | Polish Association of Tourism and Sightseeing, along with forest districts of Białowieża, Białystok, Hajnówka | No comments. |
|------|---|--|----------|---|--------------|

| | | | | | |
|------|---|---|----------|---|---|
| 10 | Monitoring | | | | |
| 10.1 | There is a small amount of monitoring at the World Heritage property, but it is not planned. | There is a lot of research and monitoring activities, they are however not aimed on the World Heritage Object. Covering all of the research and monitoring is included in the project of Management Plan. | on-going | The Ministry of Climate and Environment | The process of Management Plan approval is delayed in time. |

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 **has been compromised** by factors described in this report.

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

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

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

Other important cultural and/or natural values **are being degraded and have had an impact on the state of conservation** of the World Heritage property.

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

13. Impact of World Heritage Status

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

| | |
|--|-----------|
| Conservation | No impact |
| Research and monitoring | No impact |
| Management effectiveness | No impact |
| Quality of life for local communities and indigenous peoples | No impact |
| Recognition | Positive |
| Education | No impact |
| Infrastructure development | No impact |
| Funding for the property | No impact |
| International cooperation | No impact |
| Political support for conservation | Positive |
| Legal/Policy framework | No impact |
| Advocacy | No impact |
| Institutional coordination | No impact |

| | |
|---|----------------|
| Security | No impact |
| Gender equality | No impact |
| Provision of ecosystem services/ benefits to local communities | No impact |
| Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status | No impact |
| Fostering inclusive local economic development and enhancing livelihood | No impact |
| Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties | No impact |
| Other | Not applicable |
| If 'Other', please specify | |

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

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

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

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

| |
|-----------|
| Synergies |
|-----------|

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?

| |
|--|
| 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 | Poor |
| Site Managers | Poor |
| UNESCO World Heritage Centre | Fair |
| Advisory Bodies (ICOMOS, IUCN, ICCROM) | Fair |

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?

| |
|-------------------|
| Awareness raising |
|-------------------|

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

15.3. Timing and resources

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

| |
|---|
| Governmental institutions responsible for cultural and natural heritage |
| Site Manager/Coordinator World Heritage property staff |

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

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

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

Yes

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

| |
|--------------|
| 4 / 5 / 15 / |
|--------------|

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?

Most required information was accessible.

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

| | | Very Difficult | Difficult | Easy | Very easy |
|----------|------------------------------|----------------|-----------|------|-----------|
| 15.4.2.1 | Ease of use of questionnaire | | | × | |
| 15.4.2.2 | Clarity of questions | | | × | |

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

15.5. Training and Guidance

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

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

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

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

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

Yes

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

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

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

No item were proposed for update

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

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

All the answers and comment included in this Report apply to the Polish site of the Białowieża Forest UNESCO World Heritage Site. Until the time of submitting the report there was no information received from the Republic of Belarus.

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