

Redwood National and State Parks

1. World Heritage Property Data

1.1 - Name of World Heritage property


Redwood National and State Parks

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|----------------------------------|-------------------|---------------|------------------|------------|------------------|
| Redwood National and State Parks | 41.374 / -123.998 | 41571 | 0 | 41571 | 1980 |
| Total (ha) | | 41571 | 0 | 41571 | |

1.4 - Map(s)

| Title | Date | Link to source |
|---|------|---|
| Redwood National and State Parks- Map of inscribed property | 2014 |  |

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

1. [Redwood National Park \(U.S. National Park Service\)](#)
2. [World Heritage in the United States](#)

Comment

New US World Heritage page: <https://www.nps.gov/subjects/internationalcooperation/worldheritage.htm>

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

The California Coast Range Biosphere Reserve, of which RNSP was a part, dissolved in September of 2016 due to lack of support among the many diverse managers of CCRBR.

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?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if

relevant) in the next three years?

No

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

No

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

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

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

RNSP may revisit with local parks and other agencies an effort to reconstitute a smaller, more appropriately sized Biosphere Reserve, suitable for the Northwest coast of California.

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

No

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

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

No

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

3. Statement of Outstanding Universal Value

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

Statement of Outstanding Universal Value

Brief synthesis

The parks' primary feature is the coastal redwood forest, a surviving remnant of the group of trees that has existed for 160 million years and was once found throughout many of the moist temperate regions of the world, but is now confined to the wet regions of the west coast of North America. The parks contain some of the tallest and oldest known trees in the world. Rich intertidal, marine and freshwater stream flora and fauna are also present in the two distinctive physiographic environments of coastline and coastal mountains that include the old growth forest and stream communities.

Criterion (vii): Redwood National and State Parks comprise a region of coastal mountains bordering the Pacific Ocean. It is covered with a magnificent forest of Coast Redwoods (*Sequoia sempervirens*), the tallest living things and among the most impressive trees in the world. Several of the world's tallest known trees grow within the property.

Criterion (ix): Redwood National and State Parks preserve the largest remaining contiguous ancient coast redwood forest in the world in their original forest and streamside settings.

Integrity

The 16,442 hectares of old growth redwood forest in Redwood National and State Parks preserves some of the largest remaining contiguous ancient coast redwood forest in the world. However, at the time of inscription, the property also included approximately 15,400 hectares which had been intensively logged for coast redwoods and other old growth forest species. Much of the land that was added to the national park in 1978 was logged prior to inscription. The legislation expanding the park called for a watershed rehabilitation program to restore the damage caused by clearcutting. Uncut old growth forests in the site are being afforded maximum protection under laws and policies governing the management of all U.S. National Park Service units and California State Parks (CSP).

Some of the logged lands were replanted by timber companies, but typical post-logging silvicultural practices such as thinning were not completed after the lands became parklands. Other lands in the site were not planted but were allowed to regrow without any management. These stands of second-growth forest do not possess structural, ecological, and aesthetic characteristics typical of uncut old growth forests. Vegetation ecologists and foresters believe that development of late seral/old growth conditions will be delayed in some second growth stands unless silvicultural practices are employed. Because of the extent of past logging, thousands of hectares within the property do not possess the qualities that give outstanding international significance to the site or provide adequate habitat for threatened species such as the marbled murrelet. The National Park Service and California State Parks are developing plans to restore second growth forests and to shorten the time needed for logged forests to re-attain characteristics of late seral forests.

The watershed rehabilitation program has removed several hundred km of old logging roads that threatened the integrity and function of park watersheds. Redwood National and State Parks continue to work with private landowners to reduce threats to park resources by reducing the impacts from poorly constructed and maintained logging roads outside park boundaries.

The property includes 60 km of remote coastline that provides important habitat and breeding grounds for shorebirds, seabirds, marine mammals, and rockfish. The ocean waters off the coast of the property are additionally designated as the Redwood National Park Area of Special Biological Significance (ASBS) and are protected from waste discharges by regulations of the State Water Resources Control Board. However, the property does face an ongoing challenge from sea level rise, changes in ocean acidity, and invasive species.

Protection and management requirements

Redwood National and State Parks are owned by the United States Government and by the State of California.

Redwood National Park was established by the U.S. Congress in 1968 to provide permanent protection of old growth redwood forests and associated ecosystems, including lands within three state parks established by the California Legislature in the 1920s (Prairie Creek Redwoods, Del Norte Coast Redwoods, and Jedediah Smith Redwoods). In establishing Redwood National Park with the three State Parks embedded within its boundaries, Congress established a federal park with a total acreage of 22,646 hectares. In 1978, Congress expanded the park to protect irreplaceable redwood forests from damaging upslope and upstream land uses. Congress acquired 19,281 hectares for a total park size of 41,927 hectares. Total area of old growth redwood forest inscribed in 1980 was 16,193 hectares.

Since 1980, the park boundary has been modified a number of times, most notably in 1981, 1985, 2000, and 2005. From these modifications, the parks have acquired 12,241 hectares of new lands, of which 249 hectares are old growth redwood forests. As of 2018, the size of Redwood National and State Parks is 54,168 hectares and the total area of old growth redwood forests is 16,442 hectares.

In May 1994, the National Park Service and the California Department of Parks and Recreation signed a Cooperative Management Agreement to manage the four park units cooperatively as Redwood National and State Parks. The parks are managed in perpetuity for protection of resources and visitor enjoyment under Federal and State statutes. Redwood National Park is managed under the authority of the National Park Service Organic Act which established the United States National Park Service. In addition, the park has specific enabling legislation which provides broad congressional direction regarding the primary purposes of the park. Numerous other federal laws bring additional layers of protection to the park and its resources. Day to day management is directed by the Park Superintendent.

Management goals and objectives for the property have been developed through a joint General Management Plan/General Plan, which has been supplemented in recent years with more site-specific planning exercises as well as numerous plans for specific issues and resources. In addition, both the National Park Service and California State Parks have established Management Policies which provide broader direction for all National Park Service units and California State Park units, including Redwood National and State Parks.

The national park works closely with other land and water management agencies in larger North Pacific region to protect shared resources.

The California State Parks also works closely with other land and water management agencies in larger northwest region of the State to protect shared resources. Long-term protection and effective management of the site from potential threats requires continued monitoring of resource conditions, such as through the NPS Inventory and Monitoring (I&M) program. The Klamath I&M network, of which Redwood is a part, has developed several "vital signs" to track a subset of physical, chemical and biological elements and processes selected to represent the overall health or condition of park resources. In Redwood, these vital signs include bird populations, invasive species, intertidal communities, terrestrial vegetation, land cover and land use, and others.

Park managers conduct planning and park operations with input and support from partners including scientific and educational institutions such as Humboldt State University, NGOs including Save the Redwoods League and Smith River Alliance, local land managers and stakeholders, and indigenous peoples, including the Yurok Tribe, Tolowa Dee-ni' Nation, and Elk Valley Rancheria. These valuable and increasingly important partnerships help ensure that the redwood forests and associated ecosystems are well protected and where needed, implementation of restoration projects are funded to preserve in perpetuity these magnificent world resources.

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 | Tree age and height | × | | | |
| 3.2.2 | OG Forest Integrity | × | | | |
| 3.2.3 | Interconnected Habitat | × | | | |
| 3.2.4 | Flora and Fauna Diversity | × | | | |
| 3.2.5 | Refugia for listed species | × | | | |
| 3.2.6 | Carbon Storage | × | | | |
| 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

Old growth forests in RNSP are stable and protected. Very few trees are vulnerable to human management, except a few along existing or proposed highway corridors that threaten the safety of highway travelers or the human safety related realignment of highways. RNSP's old growth forests persist as they have for millennia, and the park is actively engaging in restoration to hasten the return of old growth forest characteristics to its young (<100 years) forests.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Outside

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

4.1.2 - Commercial development

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.1.3 - Industrial areas

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (19/08/2013):

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

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

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (19/08/2013):

- Relevant, Positive, Negative, Current, Inside

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

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

Urban sprawl has the potential to increase along the park boundary in a few locations but seems to be stable overall and not of high concern. Visitor accommodations primarily occurs outside the parks and likewise is mostly a positive for the park. Visitor facilities in the park are mostly adequate with dollars being applied as needed to provide for additional trails and signage.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (19/08/2013):

- 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 ✕ | ✕ | ✕ | | ✕ | | → | |

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Outside

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

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (19/08/2013):

- 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

Road numbers and location are stable both in and outside of the park. A major section of US Highway 101 is eroding into the ocean requiring a reroute to reduce human safety concerns. No other currently used transportation corridors in the park are causing resource damage. Unused/abandoned logging haul roads from the pre-park era continue to be removed from the park under a program of restoration and resource management.











4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, 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 (19/08/2013):

- Relevant, Negative, Potential, Outside

| ✕ 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 (19/08/2013):

- Not relevant

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

4.3.4 - Localised utilities

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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

4.3.5 - Major linear utilities

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside

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

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

Withdrawal of water from streams originating outside of the park is a potential negative, especially for redwood creek. Renewable resources are being used to provide power to some park facilities. Proposals to install a wind farm 20 miles off the coast of RNSP is a positive step but has some potential to be a negative visual impact. Powerline utilities continue to exist in the park but are not increasing. Dam removal on the Klamath River will help with salmon recovery.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Outside

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

4.4.2 - Ground water pollution

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

4.4.3 - Surface water pollution

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

4.4.4 - Air pollution

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.4.5 - Solid waste

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (19/08/2013):

- 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

All of the relevant pollution factors have the potential to worsen outside of the park but all are stable with no signs of deteriorating conditions or trends in the negative. Air pollution continues to be very excellent and stable due to our proximity to the Pacific Ocean with the prevailing winds blowing off the ocean from the NW across RNSP, keeping air pollutants to a minimum.












4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

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

4.5.2 - Aquaculture

Previous answer Cycle 2 (19/08/2013):

- Not relevant











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

4.5.3 - Land conversion

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Potential, 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 (19/08/2013):

- Relevant, Negative, Current, Potential, Outside

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











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

4.5.5 - Crop production

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Outside

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

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

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (19/08/2013):

- Not relevant











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

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (19/08/2013):

- Relevant, Positive, Negative, Current, 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 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant










4.5.9 - Subsistence hunting

Previous answer Cycle 2 (19/08/2013):

- 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 | | | | | | | |










4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (19/08/2013):

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

✕ Relevant

Not relevant

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

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

Crop production of cannabis has created low water flows, increased pesticides use, increased wildlife killing, and greater potential for harm to park resources. Subsistence hunting is not allowed in the parks but outside the parks is a stable/welcome activity. Cultural gathering is allowed under permit. Land conversion from agriculture to housing parcels is a continued threat. Forest restoration is a positive and increasing activity in park, while commercial logging has no impact on park OUVs.

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.6.3 - Oil and gas

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (19/08/2013):

- 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 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.7.2 - Relative humidity

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.7.3 - Temperature

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.7.4 - Radiation/Light

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant










4.7.7 - Pests

Previous answer Cycle 2 (19/08/2013):

- 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 (19/08/2013):

- Not relevant

Relevant

✕ Not relevant

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

The moderating influence of the Pacific Ocean to RNSP keeps weather/rain factors from significantly changing. Pests are, both wildlife and plant pathogens have been seen in recent years affecting certain species of trees and wildlife (Sudden Oak Death, Elk hoof disease, avian flu). These pathogens do not affect OUVs and it is uncertain if there are more pathogens overall affecting park biota today than in 1980. We may have a different update in 6 years.

4.8. Social/Cultural uses of heritage









4.8.1 - Ritual/Spiritual/Religious and associative uses


Previous answer Cycle 2 (19/08/2013):

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

✕ Relevant

Not relevant

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

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

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (19/08/2013):

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

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

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (19/08/2013):






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

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

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (19/08/2013):













- Relevant, Negative, Current, Inside, Outside

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

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

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, 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 (19/08/2013):

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

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

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

There has been greater use of the park for indigenous people's ceremony. Indigenous people gathering and collecting plants are not negative impacts. Wildlife hunting is sustainable outside the park. Society's value of heritage is mostly favorable. Indigenous peoples have lost many links to their heritage. Tourism and visitation has increased dramatically with Covid and some of the use includes negative activities impacting OUVs such as recreational climbing. Cost of living is impacting society.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (19/08/2013):

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

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

4.9.3 - Military training

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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

4.9.4 - War

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.9.5 - Terrorism

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

4.9.6 - Civil unrest

Previous answer Cycle 2 (19/08/2013):

- Not relevant

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

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

Illegal climbing, gathering of plants for sale by non-indigenous people, and theft of redwood burls are ongoing activities that impact OUVs and park resources. Park managers and external law enforcement officials have successfully prosecuted many individuals for these crimes. Park managers continue to use modern tools to track, cite, and prosecute violators to the fullest extent allowed.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (19/08/2013):

- 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 ✕ | ✕ | ✕ | ✕ | ✕ | | → | |

4.10.2 - Flooding

Previous answer Cycle 2 (19/08/2013):

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

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

4.10.3 - Drought

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, 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 (19/08/2013):

- Not relevant

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

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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

4.10.6 - Temperature change

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, 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 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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

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

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


Climate change has potential to increase severity of storms, flooding, drought, and temperatures, while reducing fog persistence and depth which OUVs rely on for summer moisture. Increased wildfire at RNSP can be a future problem. Ocean chemistry and conditions (sea level rise) are changing as climate regimes change in the upper atmosphere.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (19/08/2013):


- Not relevant















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

4.11.2 - Earthquake

Previous answer Cycle 2 (19/08/2013):

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

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















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

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (19/08/2013):

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

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














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

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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















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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside, Outside

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

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

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, 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

Earthquakes and associated tsunamis can wreak havoc on the park and surrounding environments but are exceedingly rare. Landslide and erosion/deposition associated with more severe storms can be detrimental to OUVs and other parks resources. Wildfires may be helpful in some instances, where it is a low severity burn. Wildfire may have negative consequences to some park resources depending on intensity, duration, and location.

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (19/08/2013):

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

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (19/08/2013):

- 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 (19/08/2013):

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

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (19/08/2013):

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

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

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (19/08/2013):

- Relevant, Negative, Current, Inside

| ✕ 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 (19/08/2013):

- Relevant, Negative, Potential, Inside, Outside

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

Mudsnails in freshwater systems reduce food resources for native invertebrates impacting salmonid food sources. Forest pathogens are killing native acorn producing trees, and elk are suffering from a newly arrived hoof disease. Avian flu is killing birds in large numbers. The forest understory flora can be significantly altered by invasive plant species, as can open grassland/woodlands. Park managers are working directly and with partners to address many of these problems.

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 (19/08/2013):


- Relevant, Positive, Current, Inside

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

4.13.5 - Financial resources

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

4.13.6 - Human resources

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

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (19/08/2013):

- 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 (19/08/2013):

- Relevant, Positive, Current, Inside, Outside

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

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

These management factors are all positive and stable. RNSP is an excellent living laboratory for researchers. Our management and institutional factors are all stable and focused on protecting the OUVs of RNSP.

4.14. Other factor(s)

4.14.1 - Other factor(s)


































































4.15. Factors Summary Table

4.15.1 - Factors Summary Table

| Name | Impact | | Origin | | Trend | |
|---|---|---|---|---|-------|--|
| 4.1 Buildings and Development | | | | | | |
| 4.1.1 Housing |  |  | |  | → | |
| 4.1.4 Major visitor accommodation and associated infrastructure |  |  |  | | → | |
| 4.1.5 Interpretative and visitation facilities |  |  |  | | → | |

| | | | | | | |
|---|--|--|--|--|--|--|
| | | | | | | |
| 4.2 Transportation Infrastructure | | | | | | |
| 4.2.1 Ground transport infrastructure | | | | | | |
| | | | | | | |
| 4.3 Services Infrastructures | | | | | | |
| 4.3.1 Water infrastructure | | | | | | |
| | | | | | | |
| 4.3.2 Renewable energy facilities | | | | | | |
| | | | | | | |
| 4.3.4 Localised utilities | | | | | | |
| | | | | | | |
| 4.3.5 Major linear utilities | | | | | | |
| | | | | | | |
| 4.4 Pollution | | | | | | |
| 4.4.1 Pollution of marine waters | | | | | | |
| | | | | | | |
| 4.4.2 Ground water pollution | | | | | | |
| | | | | | | |
| 4.4.3 Surface water pollution | | | | | | |
| | | | | | | |
| 4.4.4 Air pollution | | | | | | |
| | | | | | | |
| 4.4.5 Solid waste | | | | | | |
| | | | | | | |
| 4.5 Biological resource use/modification | | | | | | |
| 4.5.1 Fishing/collecting aquatic resources | | | | | | |
| | | | | | | |
| 4.5.3 Land conversion | | | | | | |
| | | | | | | |
| 4.5.4 Livestock farming/Grazing of domesticated animals | | | | | | |
| | | | | | | |
| 4.5.5 Crop production | | | | | | |
| | | | | | | |
| 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 | | | | | | |
| 4.7.7 Pests | | | | | | |
| | | | | | | |
| 4.8 Social/Cultural uses of heritage | | | | | | |







| | | | | | | |
|--|--|--|--|--|--|--|
| 4.8.1 Ritual/Spiritual/Religious and associative uses | | | | | | |
| 4.8.2 Society's valuing of heritage | | | | | | |
| 4.8.3 Indigenous hunting, gathering and collecting | | | | | | |
| 4.8.4 Changes in traditional ways of life and knowledge system | | | | | | |
| 4.8.5 Identity, social cohesion, changes in local population and community | | | | | | |
| 4.8.6 Impacts of tourism/Visitation/Recreation | | | | | | |
| 4.9 Other human activities | | | | | | |
| 4.9.1 Illegal activities | | | | | | |
| 4.9.2 Deliberate destruction of heritage | | | | | | |
| 4.10 Climate change and severe weather events | | | | | | |
| 4.10.1 Storms | | | | | | |
| 4.10.2 Flooding | | | | | | |
| 4.10.3 Drought | | | | | | |
| 4.10.5 Changes to oceanic waters | | | | | | |
| 4.10.6 Temperature change | | | | | | |
| 4.10.7 Other climate change impacts | | | | | | |
| 4.11 Sudden ecological or geological events | | | | | | |
| 4.11.2 Earthquake | | | | | | |
| 4.11.3 Tsunami/Tidal wave | | | | | | |
| 4.11.4 Avalanche/Landslide | | | | | | |
| 4.11.5 Erosion and siltation/Deposition | | | | | | |
| 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 | | | | | | |
| |  |  |  |  |  |  |
| 4.12.3 Invasive/Alien freshwater species | | | | | | |
| |  | |  |  |  |  |
| 4.12.4 Invasive/Alien marine species | | | | | | |
| |  | |  |  |  |  |
| 4.12.5 Hyper-abundant species | | | | | | |
| |  | |  |  |  |  |
| 4.13 Management and institutional factors | | | | | | |
| 4.13.1 Management system/Management plan |  |  | |  | |  |
| | | | | | | |
| 4.13.2 Legal framework |  |  | |  |  |  |
| | | | | | | |
| 4.13.3 Governance |  |  | |  | |  |
| | | | | | | |
| 4.13.4 Management activities |  |  | |  | |  |
| | | | | | | |
| 4.13.5 Financial resources |  |  | |  | |  |
| | | | | | | |
| 4.13.6 Human resources |  |  | |  | |  |
| | | | | | | |
| 4.13.7 Low impact research/monitoring activities |  |  | |  | |  |
| | | | | | | |
| 4.13.8 High impact research/monitoring activities |  |  | |  | |  |
| | | | | | | |
| Legend  Current  Potential  Negative  Positive  Inside  Outside | | | | | | |

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development




| Name | | Impact | | | Origin | | Trend |
|---|--------------------------|---|--|---|--------|---|---|
| 4.1.1 Housing | | | | | | | |
| | |  | |  | |  |  |
| Spatial scale - Area affected by the factor | | | | | | | |
|  | Restricted | | | | | | |
| | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal scale - Occurence of the impact | | | | | | | |
| | One off or rare | | | | | | |
|  | Intermittent or sporadic | | | | | | |

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

| Name | Impact | | | Origin | | Trend |
|---|--------|--|--|--------|--|-------|
| 4.1.4 Major visitor accommodation and associated infrastructure | | | | | | |
| | | | | | | |








| | |
|---|--------------------------------|
| Spatial scale - Area affected by the factor | |
| | Restricted |
| ✕ | Localised |
| | Extensive |
| | Widespread |
| Temporal scale - 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 |
|--|---|---|---|
| 4.1.5 Interpretative and visitation facilities |   |  |  |
| | | | |

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

4.2 Transportation Infrastructure

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

| Spatial scale - Area affected by the factor | |
|---|-----------------|
| | 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 | | | |
| | <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 |
|-----------------------------------|---|---|---|
| 4.3.2 Renewable energy facilities |    |   |  |
| |   |  |  |





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

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

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

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




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

| Name | Impact | Origin | Trend |
|---------------------------|---|---|---|
| 4.3.4 Localised utilities |   |  |  |

| 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 |
|------------------------------|---|---|--|---|---|---|
| 4.3.5 Major linear utilities | | | | | | |
| |  |  | |  |  |  |

| | |
|---|--------------------------------|
| 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 |
|----------------------------------|---|---|---|
| 4.4.1 Pollution of marine waters | | | |
| |  |  |   |

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 |
|------------------------------|---|---|---|
| 4.4.2 Ground water pollution | | | |
| |  |  |   |

Spatial scale - Area affected by the factor






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

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

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

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

| | |
|--|--------------------------------|
| | No capacity and / or resources |
| Trend - Development 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 - 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 |
|-------------------|---|---|---|
| 4.4.5 Solid waste |   |  |  |
| | | | |

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






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

4.5 Biological resource use/modification

| Name | Impact | | | Origin | Trend |
|--|--------|--|--------------------------|--------|-------|
| 4.5.1 Fishing/collecting aquatic resources | | | <input type="checkbox"/> | | |
| | | | <input type="checkbox"/> | | |

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

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

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

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes





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

Management response - Capacity of management to respond

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

Trend - Development over the last 6 years





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

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

Spatial scale - Area affected by the factor






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

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

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

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

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

| Name | Impact | Origin | Trend |
|---|---|---|---|
| 4.5.7 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 |
|--|---|---|---|
| 4.7.7 Pests | | | |
| |  |  |  |
| |  |  |  |
| Spatial scale - Area affected by the factor | | | |
| | Restricted | | |
| ✕ | Localised | | |
| | Extensive | | |
| | Widespread | | |
| Temporal scale - Occurrence of the impact | | | |
| | One off or rare | | |
| | Intermittent or sporadic | | |
| | Frequent | | |
| ✕ | On-going | | |
| Impact - Impact on the attributes | | | |
| | Insignificant | | |
| ✕ | Minor | | |
| | Significant | | |
| | Major | | |
| Management response - Capacity of management to respond | | | |
| | High capacity | | |
| ✕ | Medium capacity | | |
| | Low capacity | | |
| | No capacity and / or resources | | |
| Trend - Development over the last 6 years | | | |
| | Decreasing | | |
| ✕ | Static | | |
| | Increasing | | |

4.8 Social/Cultural uses of heritage

| Name | Impact | Origin | Trend |
|---|---|---|---|
| 4.8.1 Ritual/Spiritual/Religious and associative uses |  |  |  |
| |  |  | |
| | | | |
| Spatial scale - Area affected by the factor | | | |

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

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

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

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

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

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

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

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

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

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





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

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

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

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

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

| 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 |
|--------------------------|---|---|---|
| 4.9.1 Illegal 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 |
|--|---|---|---|---|---|---|
| 4.9.2 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 |

4.10 Climate change and severe weather events







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

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







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

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

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

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

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

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

| Spatial scale - Area affected by the factor | |
|---|--------------------------|
| | 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 |
|----------------------------------|--|--------------------------|---------------------------|
| 4.10.5 Changes to oceanic waters | | | |
| | <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 |
|---------------------------|--|---------------------------|---------------------------|
| 4.10.6 Temperature change | | | |
| | <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 |
|-------------------------------------|---|--|---|---|---|---|
| 4.10.7 Other climate change impacts | | | | | | |
| |  | |  |  |  |  |

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

4.11 Sudden ecological or geological events

| Name | Impact | | | Origin | | Trend |
|-------------------|---|---|---|---|---|---|
| 4.11.2 Earthquake | | | | | | |
| |  |  |  |  |  |  |

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

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

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

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




| Name | Impact | | | Origin | | Trend |
|---------------------------|--------|--|--|--------|--|-------|
| 4.11.3 Tsunami/Tidal wave | | | | | | |

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

| Name | Impact | | | Origin | | Trend |
|----------------------------|--------|--|--|--------|--|-------|
| 4.11.4 Avalanche/Landslide | | | | | | |
| | | | | | | |

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

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

| Name | Impact | Origin | Trend |
|---|---|---|---|
| 4.11.5 Erosion and siltation/Deposition | | | |
| |  |  |    |

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

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

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

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






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

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

4.12 Invasive/alien species or hyper-abundant species

| Name | Impact | | | Origin | | Trend |
|--|--------------------------|--|--|--------|--|-------|
| 4.12.1 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 |
|------|--------|--------|-------|
|------|--------|--------|-------|

| 4.12.3 Invasive/Alien freshwater species | | | | | | | |
|--|--------------------------------|--|--|--|--|--|--|
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| <input checked="" type="checkbox"/> | Restricted | | | | | | |
| <input type="checkbox"/> | Localised | | | | | | |
| <input type="checkbox"/> | Extensive | | | | | | |
| <input type="checkbox"/> | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| <input type="checkbox"/> | One off or rare | | | | | | |
| <input checked="" type="checkbox"/> | Intermittent or sporadic | | | | | | |
| <input type="checkbox"/> | Frequent | | | | | | |
| <input type="checkbox"/> | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| <input checked="" type="checkbox"/> | Insignificant | | | | | | |
| <input type="checkbox"/> | Minor | | | | | | |
| <input type="checkbox"/> | Significant | | | | | | |
| <input type="checkbox"/> | Major | | | | | | |
| Management response - Capacity of management to respond | | | | | | | |
| <input type="checkbox"/> | High capacity | | | | | | |
| <input checked="" type="checkbox"/> | Medium capacity | | | | | | |
| <input type="checkbox"/> | Low capacity | | | | | | |
| <input type="checkbox"/> | No capacity and / or resources | | | | | | |
| Trend - Development over the last 6 years | | | | | | | |
| <input type="checkbox"/> | Decreasing | | | | | | |
| <input type="checkbox"/> | Static | | | | | | |
| <input checked="" type="checkbox"/> | Increasing | | | | | | |





| Name | | Impact | | | Origin | | Trend |
|--|--------------------------|--------|--|--|--------|--|-------|
| 4.12.4 Invasive/Alien marine species | | | | | | | |
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| <input checked="" type="checkbox"/> | Restricted | | | | | | |
| <input type="checkbox"/> | Localised | | | | | | |
| <input type="checkbox"/> | Extensive | | | | | | |
| <input type="checkbox"/> | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| <input checked="" type="checkbox"/> | One off or rare | | | | | | |
| <input type="checkbox"/> | Intermittent or sporadic | | | | | | |
| <input type="checkbox"/> | Frequent | | | | | | |
| <input type="checkbox"/> | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| <input checked="" type="checkbox"/> | 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 | |
|---|--------------------------------|
| <input type="checkbox"/> | Restricted |
| <input type="checkbox"/> | Localised |
| <input type="checkbox"/> | Extensive |
| <input checked="" type="checkbox"/> | Widespread |
| Temporal scale - Occurrence of the impact | |
| <input type="checkbox"/> | One off or rare |
| <input type="checkbox"/> | Intermittent or sporadic |
| <input type="checkbox"/> | Frequent |
| <input checked="" type="checkbox"/> | On-going |
| Impact - Impact on the attributes | |
| <input type="checkbox"/> | Insignificant |
| <input type="checkbox"/> | Minor |
| <input type="checkbox"/> | Significant |
| <input checked="" type="checkbox"/> | Major |
| Management response - Capacity of management to respond | |
| <input checked="" type="checkbox"/> | High capacity |
| <input type="checkbox"/> | Medium capacity |
| <input type="checkbox"/> | Low capacity |
| <input type="checkbox"/> | No capacity and / or resources |
| Trend - Development over the last 6 years | |
| <input type="checkbox"/> | Decreasing |
| <input checked="" type="checkbox"/> | Static |
| <input type="checkbox"/> | Increasing |

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

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

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

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

| | | | | | | |
|------------------------------|--|--|--|--|--|--|
| 4.13.4 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 |
|----------------------------|--------|--|--|--------|--|-------|
| 4.13.5 Financial resources | | | | | | |
| | | | | | | |

Spatial scale - Area affected by the factor

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

Temporal scale - Occurrence of the impact

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

Impact - Impact on the attributes

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




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

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

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

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

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

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

| | | | | | | | |
|--|--------------------------|--|--|--|--|--|--|
| | | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | | |
| <input checked="" type="checkbox"/> | Restricted | | | | | | |
| <input type="checkbox"/> | Localised | | | | | | |
| <input type="checkbox"/> | Extensive | | | | | | |
| <input type="checkbox"/> | Widespread | | | | | | |
| Temporal scale - Occurrence of the impact | | | | | | | |
| <input type="checkbox"/> | One off or rare | | | | | | |
| <input checked="" type="checkbox"/> | Intermittent or sporadic | | | | | | |
| <input type="checkbox"/> | Frequent | | | | | | |
| <input type="checkbox"/> | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| <input type="checkbox"/> | Insignificant | | | | | | |
| <input checked="" type="checkbox"/> | 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 | Tree Age/Height | ✕ | | | |
| 4.18.1.2 | Integrity | ✕ | | | |
| 4.18.1.3 | Connected Habitat | ✕ | | | |
| 4.18.1.4 | Flora Fauna Diversity | ✕ | | | |
| 4.18.1.5 | Carbon Storage | ✕ | | | |

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

The property has **no buffer zone** and **does not need one**

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

The property has **no known and recognised** buffer zone

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

The property includes a "park protection zone" (13,355 ha) in upper Redwood Creek established by Congress in the 1978 legislation. This property is comprised of commercial timber operators, private landowners, and federal lands. It is not a buffer zone but rather an area where the NPS has authority to impose more stringent guidelines on timber harvesting and road construction. It also provides authority for acquisition of property from willing landowners.

5.2. Protective Measures

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

Redwood National and State Parks are owned by the United States Government on behalf of the American public and by the State of California on behalf of the people of the State of California. The parks are managed by the National Park Service, a federal agency, and the California Department of Parks and Recreation, a state agency under the Resources Department of the State of California. As units of the National Park Service and the California State Parks, the parks received the highest level of conservation protection afforded by federal or state law in the United States of America or the State of California, respectively.

Redwood National Park was established by the U.S. Congress on October 2, 1968 to provide permanent protection for 58,000 acres (23,490 ha.), including three state parks established by the California Legislature in the 1920s (Prairie Creek Redwoods, Del Norte Coast Redwoods, and Jedediah Smith Redwoods). On March 27, 1978, Congress expanding the original park by 48,000 acres (19,440 ha) for a total of 106,000 acres (42,930 ha) and establishing a 33,000-acre (13,355 ha) "park protection zone" outside park boundaries as a buffer between the park and private timberlands. In March 2002, the National Park Service and the California Department of Parks and Recreation signed a Cooperative Management Agreement to manage the four park units cooperatively as Redwood National and State

Parks. The parks are managed for protection of resources and visitor enjoyment under Federal and state statutes that assure perpetual protection and preservation. The primary Federal laws and statutes that apply to the Federal lands in Redwood National and State Parks are:

- Redwood National Park Act (16 USC 79a-79q (1988), October 2, 1968, 82 Stat. 931, Public Law 90-545 and March 27, 1978, 92 Stat. 163, Public Law 95-250 ;
- The National Park Service Organic Act (16 USC 1 et seq. (1988), August 25, 1916, ch. 408, 39 Stat. 535);
- General Authorities Act of 1970 (16 USC 1a-1--1a-8, 84 Stat. 825, Public Law 91-383);
- National Park Service Management Policies.

The primary California Statutes that apply to State Park Lands are:

- Public Resources Code 5001 et seq, Stats. 1939, Ch. 94; and
- California Wilderness Act (PRC 5093.30-5093.40, Stats. 1974, Ch. 1196).

Source: Periodic Reporting, 1st Cycle, 2004

Comment

The above narrative states "...and establishing a 33,000-acre (13,355 ha) "park protection zone" outside park boundaries as a buffer between the park and private timberlands". Park management recommends replacing this phrase with "...and establishing a 33,000-acre (13,355 ha) "park protection zone" outside park boundaries on primarily privately held timber and ranch lands, but also some federal property managed by the Bureau of Land Management."

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

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

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

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

The property has no buffer zone

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

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

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

There is adequate capacity/resources to enforce legislation and/or regulation in the World Heritage property

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

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

Redwood National and State Parks is governed by laws and regulations set forth by laws and statues of the California and Federal governments. Laws have been promulgated to create a management system and plan that are designed to prevent derogation of the values inherent to RNSP, including and especially for the preservation and protection of the Outstanding Universal Values for which this site was inscribed as a World Heritage Site. Day to day management is directed by the Park Superintendent.

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

Other

If 'Other', please specify

Public Management System at state/national level

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. |
| Other forms of statutory or non-statutory plans (e.g. strategic plans) |
| Traditional ways of management recognised by local communities and other specific groups |
| Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property |
| Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management |
| A management plan |
| An annual work plan or business plan |
| A disaster, climate or conflict risk management plan |
| A visitor/visitation management plan |
| An environmental management framework |

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

The park is managed under a General Management Plan and Foundation document, under which specific plans and projects are further defined and implemented. Taken together, the GMP and associated planning documents provide the management system for the park.

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?**

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

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:**5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?**

No 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 **adequate coordination** between all bodies/levels involved in the management of the property

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

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

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

An annual work/action plan **exists** and many of its activities are being implemented

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

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

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

Redwood National and State Parks is governed by laws and regulations set forth by the State of California and the Constitution of the United States. The laws promulgated to create a management system and plan are designed to prevent derogation of the values and resources inherent to the park, including and especially for the preservation and protection of the Outstanding Universal Values for which this site was inscribed as a World Heritage Site.

6. Financial and Human Resources

6.1. Funding

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

| | | Project costs | Running costs |
|----------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.) | % | % |
| 6.1.1.2 | Bilateral international funding | % | % |
| 6.1.1.3 | World Heritage Fund (International Assistance) | % | % |
| 6.1.1.4 | Contribution from other conventions and programmes | % | % |
| 6.1.1.5 | International donations (NGOs, foundations, etc.) | % | % |
| 6.1.1.6 | Governmental (national/federal) | 40 % | 65 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | 60 % | 25 % |
| 6.1.1.8 | Governmental (local/municipal) | % | % |
| 6.1.1.9 | In-country donations (NGOs, foundations, etc.) | % | % |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.) | 0 % | 5 % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | % | 5 % |
| 6.1.1.12 | Other | % | % |

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 adequate** for effective management of the World Heritage property

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

The existing sources of funding are **secure over both the medium- and long-term**

6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure**6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.**

| | | From local communities % | From elsewhere % |
|---------|-------|--------------------------|------------------|
| 6.1.6.1 | Men | 45 % | 50 % |
| 6.1.6.2 | Women | 55 % | 50 % |
| | | Total 100 % | Total 100 % |

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

Human resources are **adequate** for management needs

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

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

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

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

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

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

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

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

A site-based capacity building plan or programme is in place and fully implemented; all technical skills are being transferred to those managing the property locally

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

The site is managed by staff, living locally, that are hired, under specific regulations set forth by the State of California and Federal Government, with specific knowledge, skills and abilities, and depending on the position description, the appropriate level of experience to implement the management framework that preserves and protects the Outstanding Universal Values for which this park was inscribed.

7. Scientific Studies and Research Projects

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

Knowledge about the values and attributes of the World Heritage property is adequate

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

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

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

Research results are shared widely with active outreach to local communities and national and international audiences

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

An advanced data store search on IRMA (Integrated Resource Management Applications) for documents since 01/01/2012 related to RNSP yields 270 records of scientific and resource topics (searched on 02/26/2023) (<https://irma.nps.gov/App/Portal>). California State Parks typically double the number of scientific permits issued for study on State Park lands of RNSP.

8. Education, Information and Awareness Building

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

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

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

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

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

| |
|-------------------|
| Local communities |
| Youth/children |
| Local Visitors |

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

| | |
|--|------------|
| Visitor centre | Good |
| Site museum | Not needed |
| Information booths | Good |
| Guided tours | Good |
| Trails/routes | Good |
| Printed information materials | Good |
| Online (website, social media, etc.) | Good |
| 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

There is inadequate transportation from surrounding communities into Redwood National and State Parks, impacting the ability of visitors without vehicles to recreate in the parks. Nearly all visitors to RNSP arrive by vehicle, however, and are able to access visitor facilities during the year. Internal transportation services (shuttles) could help convey visitors to selected locations within the parks in order to keep vehicle traffic minimized in heavily impacted zones.

9. Visitor Management

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

687600 / 653818 / 397776 / 757083 / 723804 /

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

Other

Round Counters

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

One day (no overnight stay)

9.4 - Please provide the source of information

Round counters and overnight accommodation tracking.

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

\$27000 / \$24000 / \$22000 / 0 / \$13000 / \$20000 /

9.6 - Please provide the source of information

Visitor Spending Effects - Economic Contributions of National Park Visitor Spending - Social Science (U.S. National Park Service) (nps.gov)

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

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

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

Increased visitation to RNSP has created issues of overcrowding and overuse in certain areas of the park. Management has responded by incorporating strategies to mitigate visitor management issues. Increased visitation to RNSP will continue to challenge park management into finding innovative solutions to visitor management issues. Park management has demonstrated the will and courage to overcome these issues, allowing visitors to fully recreate and enjoy the park's OUVs.

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Roving rangers and online social media monitoring, coupled with annual metrics of visitation.

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

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

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

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

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

In one location and easily visible to visitors

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

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

9.15 - Are there locally driven sustainable tourism initiatives?

No

If 'Yes', please specify

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

Yes

If 'Yes', please specify

The OUVs and associated scenery bring visitors that eat, lodge, recreate in local communities as well as within the parks.

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

Values in 9.1 are based on road counters and a standard National Park Service multiplier per vehicle. Further, these values only capture data in a portion of the National Property. Values are increased by 1.5 to capture visitation across the entirety of the World Heritage property. Question 9.9 - legal visitor use is adequate to protect OUVs, however, illegal use such as removing burls, climbing OUVs without permit, social trailing continues to impact OUVs in small ways.

10. Monitoring

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

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

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

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

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

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

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

10.3 - Aspects of all these indicators, except for State of Conservation, are monitored at higher CDPR and NPS agency levels. These monitoring efforts are conducted as reoccurring audits of park management/activities to ensure consistency with state and federal laws and regulations.

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

| | |
|--|--------------|
| World Heritage managers/coordinators and staff | Fair |
| Local/municipal authorities | Non-existent |
| Local communities | Non-existent |
| Indigenous peoples | Fair |
| Landowners | Non-existent |
| Women | Good |
| Researchers | Good |
| Tourism industry | Non-existent |
| Local businesses and industry | Non-existent |

| | |
|---|----------------|
| NGOs | Good |
| Other specific groups | Not applicable |
| If you selected 'Other specific groups', please specify | |

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

No relevant Committee recommendations to implement

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

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

Question 10.3 implies park monitoring of indicators such as the effectiveness of the management system, the character of its governance, appropriate synergy with other conservation designations, and its contribution to sustainable development. RNSP is governed by laws and regulations of California and Federal Government. These laws and policies mandate the full protection of park resources and guide park manager decision-making. Monitoring indicators is done at levels above the park.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

| | | |
|--------|---|---|
| 5.1 | Boundaries and Buffer Zones | |
| 5.1.3 | The property has no buffer zone | ✕ |
| 5.1.4 | The property has no known and recognised buffer zone | ✕ |
| 5.2 | Protective Measures | |
| 5.2.4 | The property has no buffer zone | ✕ |
| 5.3 | Management System/Management Plan | |
| 5.3.7 | No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | ✕ |
| 5.3.9 | No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | ✕ |
| 6.1 | Funding | |
| 6.1.10 | No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | ✕ |
| 9 | Visitor Management | |
| 9.7 | There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation | ✕ |

Please select 0 more issues.

☒ Please save this question to reflect changes

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

| | | | | | | | | |
|-------|---|--|--|--|--|--|--|--|
| 4.2 | Transportation Infrastructure | | | | | | | |
| 4.2.1 | Ground transport infrastructure | | | | | | | |
| 4.5 | Biological resource use/modification | | | | | | | |
| 4.5.3 | Land conversion | | | | | | | |
| 4.5.4 | Livestock farming/Grazing of domesticated animals | | | | | | | |
| 4.8 | Social/Cultural uses of heritage | | | | | | | |

| | | | | | | | | |
|-------|--|--|---|---|--|--------------|------|--|
| 4.8.4 | | Changes in traditional ways of life and knowledge system | | | | | | |
| 4.8.6 | Impacts of tourism/Visitation/Recreation | Criterion (vii) and Criterion (ix) | Redesigned/rerouted trails, enactment of closures, enhanced law enforcement, creation of permit systems, social media messaging, and restoration of degraded sites are being undertaken to address impact of increasing visitation on OUVs. | Volunteer groups are enlisted to monitor and patrol high use groves, seasonals are hired to contact visitors and to provide information, and LE patrols provide monitoring support to track visitor impact. | These are ongoing activities being implemented by park management. | NPS and CDPR | None | |

| | |
|------|--|
| 4.10 | Climate change and severe weather events |
|------|--|

| | | | | | | | |
|--------|---------|------------------------------------|---|--|---------|--|------|
| 4.10.3 | Drought | Criterion (vii) and Criterion (ix) | Actions required are on the state and national level. We are undertaking a program of restoration to enhance forest resilience. More regional and global solutions are needed to protect RNSP from drought in the future. | We rely on the National Weather Service to provide updated drought metrics for our park. | Ongoing | State and Federal level action needed. | None |
|--------|---------|------------------------------------|---|--|---------|--|------|

| | | | | | | | |
|--------|---------------------------|---|--|--|----------|---|---|
| 4.10.5 | Changes to oceanic waters | Attribute affected - Potentially coastal intertidal biological resources. | Population monitoring within the rocky intertidal zone provides information on the effects of disturbances (natural and man-made) such as visitor use impacts and oil spills, nutrient/chemical changes and impacts on rocky intertidal biota. | Since 2006, the Klamath Network has been monitoring three intertidal sites in Redwood National and State Parks. These sites contribute to the MARiNe (Multi-Agency Rocky Intertidal Network) program | Annually | Bureau of Ocean Energy Management, The National Park Service, The California Ocean Protection Council, Partnership for Interdisciplinary Studies of Coastal Oceans, and US Navy (Navy Marine Ecology Consortium). | There are larger impacts occurring in international oceanic waters that require a global approach to finding solutions. |
|--------|---------------------------|---|--|--|----------|---|---|

| | | | | | | | |
|--------|--------------------|------------------------------------|--|---|---------|--|------|
| 4.10.6 | Temperature change | Criterion (vii) and Criterion (ix) | Actions required are on the state and national level. We are undertaking a program of restoration to enhance resilience of secondary forest to changes. More regional and global solutions are needed to protect RNSP into the future. | We rely on the National Weather Service to provide updated metrics on temperature for our park. | Ongoing | State and Federal level action needed. | None |
|--------|--------------------|------------------------------------|--|---|---------|--|------|

| | | | | | | | |
|--------|------------------------------|------------------------------------|--|--|---------|---|------|
| 4.10.7 | Other climate change impacts | Criterion (vii) and Criterion (ix) | Fog decrease has been documented. Reduction in fog can have negative impact on OUVs. Actions required are on the state and national level. We are undertaking a program of restoration to enhance resilience of secondary forest to changes. | National Weather Service meteorologist and academic researchers are tracking fog frequency, duration, and depth against baseline conditions to understand the direction of change. | Ongoing | National Weather Service and academic researchers | None |
|--------|------------------------------|------------------------------------|--|--|---------|---|------|

| | |
|------|--|
| 4.12 | Invasive/alien species or hyper-abundant species |
|------|--|

| | | | | | | | |
|--------|------------------------------------|--|--|---|---------|---------------------|------|
| 4.12.2 | Invasive/Alien terrestrial species | Attribute affected - primarily floristic diversity, integrity of habitat | We have a program to monitor and treat invasive plants in RNSP. An Environmental Assessment was signed in 2017 that prescribes actions to control invasive plants. Funding is provided from federal and state sources. | The NPS and State Park staff are annually conducting monitoring of invasive plants. Funding is provided from federal and state sources. | Ongoing | NPS and State Parks | None |
|--------|------------------------------------|--|--|---|---------|---------------------|------|

Question not completed

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

| | | | | | |
|--------|---|---|------------------|--|--|
| 5.1 | Boundaries and Buffer Zones | | | | |
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment |
| 5.1.3 | The property has no buffer zone | None needed | None | None | Boundary is known and adequate. The NPS and CDPR agencies do not require the establishment of buffers, as defined by the World Heritage Center for inscribed sites, to protect and conserve the OUVs for which RNSP was inscribed. |
| 5.1.4 | The property has no known and recognised buffer zone | None needed. | None | None | Boundary is known and adequate. The NPS and CDPR agencies do not require the establishment of buffers, as defined by the World Heritage Center for inscribed sites, to protect and conserve the OUVs for which RNSP was inscribed. |
| 5.2 | Protective Measures | | | | |
| 5.2.4 | The property has no buffer zone | None needed. | None | None | Boundary is known and adequate. The NPS and CDPR agencies do not require the establishment of buffers, as defined by the World Heritage Center for inscribed sites, to protect and conserve the OUVs for which RNSP was inscribed. |
| 5.3 | Management System/Management Plan | | | | |
| 5.3.7 | No use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property | None needed. | None | California and United States governments | Action needed at State/Federal level to combat climate change. RNSP is engaged in restoration of watersheds to ensure we have healthy forests and streams, and to provide optimum conditions for resource persistence in perpetuity. |
| 5.3.9 | No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | None needed. | None | None | Disaster Planning is part of California and Federal emergency preparedness. Local level plans have been developed to guide park management in the event of a localized disaster. |
| 6.1 | Funding | | | | |
| 6.1.10 | No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property | None needed. | None | None | Federal and State funding is provided through appropriations enacted by legislative process. These funds are distributed to RNSP via a formulaic process. |
| 9 | Visitor Management | | | | |
| 9.7 | There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation | Increased tourism in specific areas of the park can challenge park operations. Park management are taking steps to ensure visitor use and enjoyment is maintained while innovative solutions are implemented to minimize visitor use impacts. | Ongoing | NPS and CDPR | The use of permitting systems for use and directional travel requirements for certain roads help minimize impacts. Supporting local concessions to provide shuttle services into areas of the park challenged by overuse is ongoing. |

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?

Not applicable (sites inscribed exclusively under criteria vii to x (natural World Heritage properties))

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

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

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

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

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

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

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

12.3.2 & 4 The Park at inscription in 1980 included many thousands of hectares of severely degraded clear-cut logged lands. Since 1980, an additional 12000 hectares of severely degraded lands have been added to the park. Park establishment eliminated further degradation of these lands, and we are now actively restoring the most severely degraded watersheds and forests to improve terrestrial and aquatic habitat and restore old growth forests in the longer-term.

13. Impact of World Heritage Status

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

| | |
|---|---------------|
| Conservation | Very positive |
| Research and monitoring | Very positive |
| Management effectiveness | No impact |
| Quality of life for local communities and indigenous peoples | No impact |
| Recognition | Positive |
| Education | Positive |
| Infrastructure development | Negative |
| Funding for the property | No impact |
| International cooperation | No impact |
| Political support for conservation | Positive |
| Legal/Policy framework | No impact |
| Advocacy | Very positive |
| 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 | No impact |
| If 'Other', please specify | |

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

RNSP World Heritage status has positive effect on park resources and facilities. Protection of OUVs is secure, however, highway infrastructure through existing stands of OUVs require, on occasion, that individual old growth trees be removed to protect human life and property. These situations are rare and when trees are removed, they have limited impact on OUVs overall. Parks believe that protecting OUVs while providing for human safety on highway corridors is entirely necessary and achievable.

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

At the time of inscription the site included approximately 48,500 ac (19,627 ha) that had been intensively logged prior to park creation. Today, there are approximately 32,300 ha of lands that have been severely damaged by pre-park lands uses. The recovering forests do not possess the values and qualities that give outstanding universal value to the site. These degraded areas do not provide habitat, cover or food resources for aquatic and terrestrial species, and young forests are vulnerable to fire and disease. Park management is focused on restoring watersheds, aquatic ecosystems, and terrestrial forests and habitat to restore flora and fauna disrupted by past land uses. The park is spending millions of dollars to thin forests to improve carbon sequestration rates, increase resilience to fire and forest pathogens, abate sediment threats that can clog streams and riparian habitat effectively eliminating habitat for salmon, and improving conditions for listed species that occur in the park. The restoration seeks to remove old logging roads, which will reduce deferred maintenance costs. We work closely with partners NGOs, other state and federal agencies, and researchers to implement this work. Funding for this work is being provided by State and Federal sources. The work ultimately will restore habitat in the short term (20 years) for fauna/flora, and restore the grandeur of old growth redwood forests in the long term (150+ years). The work is a showcase for visitors to understand how humans can actually reverse decades of misuse and repair/restore lands degraded by industrial uses. The restoration actions also provides a living laboratory for students to conduct research to better understand the relationship between management and conservation/protection.

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

| |
|-----------------------|
| Synergies |
| State of Conservation |
| Management |
| Governance |

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

| |
|-------------------------------|
| The World Heritage Convention |
|-------------------------------|

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

| | |
|--|------------|
| State Party | Good |
| Site Managers | Good |
| UNESCO World Heritage Centre | Not needed |
| Advisory Bodies (ICOMOS, IUCN, ICCROM) | Not needed |

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)

| |
|--|
| Site Manager/Coordinator World Heritage property staff |
|--|

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

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

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

Yes

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

| |
|----------------------------------|
| 40 hours / 20 hours / 10 hours / |
|----------------------------------|

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

| | Additional resources | No | Yes |
|----------|--|----|-----|
| 15.3.5.1 | Human resources | ✗ | |
| 15.3.5.2 | Financial resources for organizing consultation meetings/ training | ✗ | |

15.4. Format and content of the Periodic Report

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

All required information was accessible.

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

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

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

The number of questions on this report doubles what was required in 2013, and 2013 was more than required from its previous report. This creates difficulty in seeing trends and relationships between this and earlier versions of the report. I recommend you pare down this periodic reporting to only essential questions regarding the state of the OUV. If problems are reported, send follow-up questions to determine where problems persist. If no problems reported, sites are done.

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 | Not applicable |
| ICOMOS International | Not applicable |
| IUCN International | Not applicable |
| ICCROM international/regional | Not applicable |
| ICOMOS national/regional | Not applicable |
| IUCN national/regional | Not applicable |

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

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

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

Not applicable (i.e. I did not use these resources)

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

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

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

No item were proposed for update

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

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

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