Classical Gardens of Suzhou

1. World Heritage Property Data

1.1 - Name of World Heritage property

Classical Gardens of Suzhou

1.2 - World Heritage property details

1.3 - Geographic information table

| Name | Coordinates | Property (ha) | Buffer zone (ha) | Total (ha) | Inscription year |
|--|------------------|---------------|------------------|------------|------------------|
| The Humble Administrator's Garden | 31.324 / 120.629 | 5.195 | 0 | 5.195 | 1997 |
| The Lingering Garden | 31.316 / 120.593 | 2.331 | 0 | 2.331 | 1997 |
| The Master-of-Nets Garden | 31.298 / 120.634 | 0.54 | 0 | 0.54 | 1997 |
| The Mountain Villa with Embracing Beauty | 31.311 / 120.613 | 0.218 | 0 | 0.218 | 1997 |
| The Canglang Pavilion | 31.295 / 120.625 | 1.174 | 16.362 | 17.536 | 2000 |
| The Lion Forest Garden | 31.321 / 120.629 | 0.874 | 4.79 | 5.664 | 2000 |
| The Garden of Cultivation | 31.313 / 120.609 | 0.38 | 1.117 | 1.497 | 2000 |
| The Couple's Retreat | 31.316 / 120.639 | 0.789 | 3.039 | 3.828 | 2000 |
| The Retreat & Reflection Garden | 31.158 / 120.72 | 0.421 | 1.531 | 1.952 | 2000 |
| Total (ha) | | 11.922 | 26.839 | 38.761 | |

Comment

Coordinates: The Humble Administrator's Garden 31.3263, 120.6248 The Lingering Garden 31.3173, 120.5884 The Master-of-Nets Garden 31.3002, 120.6294 The Mountain Villa with Embracing Beauty 31.3130, 120.6096 The Canglang Pavilion 31.2970, 120.6217 The Lion Forest Garden 31.3234, 120.6247 The Garden of Cultivation 31.3150, 120.6048 The Couple's Retreat 31.3184, 120.6341 The Retreat & Reflection Garden 31.1559, 120.7160

1.4 - Map(s)

| Title | Date | Link to source |
|--|------|----------------|
| A map of the protection area and the construction control zone around the Humble Administrator's Garden | 1996 | |
| A map of the protection area and the construction control zone around the Lingering Garden | 1996 | |
| A map of the protection area and the construction control zone around the Master-of-Nets Garden | 1996 | |
| A map of the protection area and the construction control zone around the Mountain Villa with Embracing Beauty | 1996 | |
| Plane figure of the Canlang Pavilion Protection Area & Buffer Zone | 1999 | |
| Plane figure of the Lion Forest Garden Protection Area & Buffer Zone | 1999 | |
| Plane figure of the Garden of Cultivation Protection Area & Buffer Zone | 1999 | |
| Plane figure of the Couple's Garden Retreat Protection Area & Buffer Zone | 1999 | |
| Plane figure of the Retreat and Reflection Garden Protection Area & Buffer Zone | 1999 | |

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

- 1. Suzhou Classical Gardens (ChinaVista)
- 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) is not 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) | | × |

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| 2.1.2 | List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict) | × |
|-------|---|---|
| 2.1.3 | The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention)) | × |
| 2.1.4 | World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme | × |
| 2.1.5 | Global Geoparks Network UNESCO Global Geoparks | × |

2.2 - Please provide comments on 2.1 if necessary

No comments

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

No

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

Not applicable

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

Not applicable

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

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

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| 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)

It is suggested to increase exchanges among World Heritage sites and sharing of each other's good practices and experiences.

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

Yes

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

Kunqu Opera, Guqin instrument, and traditional construction techniques for wooden structures

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

No

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

No comments

- 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 classical gardens of Suzhou, Jiangsu Province, China date back to the 6th century BCE when the city was founded as the capital of the Wu Kingdom. Inspired by these royal hunting gardens built by the King of the State of Wu, private gardens began emerging around the 4th century and finally reached the climax in the 18th century. Today, more than 50 of these gardens are still in existence, nine of which, namely the Humble Administrator's Garden, Lingering Garden, Net Master's Garden, the Mountain Villa with Embracing Beauty, the Canglang Pavilion, the Lion Grove Garden, the Garden of Cultivation, the Couple's Garden Retreat, and the Retreat & Reflection Garden, are regarded as the finest embodiments of Chinese "Mountain and Water" gardens. The earliest of these, the Canglang Pavilionwas built in the early 11th century on the site of an earlier, destroyed garden. Conceived and built under the influence of the unconstrained poetic freehand style originally seen in traditional Chinese landscape paintings, they are noted for their profound merging of exquisite craftsmanship, artistic elegance and rich cultural implications. These gardens lend insight into how ancient Chinese intellectuals harmonized conceptions of aestheticism in a culture of reclusion within an urban living environment.

Garden masters from each dynasty adapted various techniques to artfully simulate nature by skillfully adapting and utilizing only the physical space available to them. Limited to the space within a single residence, classical Suzhou gardens are intended to be a microcosm of the natural world, incorporating basic elements such as water, stones, plants, and various types of buildings of literary and poetic significance. These exquisite gardens are a testament to the superior craftsmanship of the garden masters of the time. These unique designs that have been inspired but are not limited by concepts of nature have had profound influence on the evolution of both Eastern and Western garden art. These garden ensembles of buildings, rock formations, calligraphy, furniture, and decorative artistic pieces serve as showcases of the paramount artistic achievements of the East Yangtze Delta region; they are in essence the embodiment of the connotations of traditional Chinese culture.

Criterion (i): The classical gardens of Suzhou that have been influenced by the traditional Chinese craftsmanship and artistry first introduced by the freehand brushwork of traditional Chinese paintings, embody the refined sophistication of traditional Chinese culture. This embodiment of artistic perfection has won them a reputation as the most creative gardening masterpieces of ancient China.

Criterion (ii): Within a time span of over 2,000 years, a unique but systematic form of landscaping for these particular types of gardens was formed. Its planning, design, construction techniques, as well as artistic effect have had a significant impact on the development of landscaping in China as well as the world.

Criterion (iii): The classical gardens of Suzhou first originated from the ancient Chinese intellectuals' desire to harmonize with nature while cultivating their temperament. They are the finest remnants of the wisdom and tradition of ancient Chinese intellectuals.

Criterion (iv): The classical gardens of Suzhou are the most vivid specimens of the culture expressed in landscape garden design from the East Yangtze Delta region in the 11th to 19th centuries. The underlying philosophy, literature, art, and craftsmanship shown in the architecture, gardening as well as the handcrafts reflect the monumental achievements of the social, cultural, scientific, and technological developments of this period.

Criterion (v): These classical Suzhou gardens are outstanding examples of the harmonious relationship achieved between traditional Chinese residences and artfully contrived nature. They showcase the life style, etiquette and customs of the East Yangtze Delta region during the 11th to 19th centuries.

Integrity

The settings and features of the heritage property cover all essential elements and key values of the classic gardens of Suzhou. Archives ranging from the 11th to the 20th century, such as in *Chronicle of Suzhou Municipality*, *Chronicle of Wu County*, *Chronicle of Tongli Town*, and *Record of Jiangnan Gardens* by Tong Jun in 1937, Inscription of *Pingjiang Map*, *Ying zao fa yuan (Rules of Traditional Architecture)* by Yao Chengzu in 1937, and *Classical Gardens of Suzhou* by Liu Dunzhen in 1979, are records of detailed surveys, maps and drawings of these classic gardens. These gardens preserved varied architectural features such as structure and layout, architectural forms such as rock and plant configurations, plaques, couplets, and furniture. Within the borders of the buffer zone, essential elements including rivers, streets, alleys, vernacular residences as well as a cultural atmosphere, all have been preserved. These essential elements holistically feature the styles, vista, atmosphere, and artistic mood of the "urban scenery" around the classic gardens of Suzhou.

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Authenticity

The style evolution of classic gardens of Suzhou has been recorded in detailed volumes of reminiscent verses, poems, paintings and maps of each historical period from the 11th Century. Information about the gardens in each historical period is found in the ancient trees, plaques, couplets, brick and stone carvings, inscriptions and other precious immovable cultural relics in these areas. Local traditional gardening techniques and values have been handed down from generation to generation, always adhering to design concepts that strive to create miniature worlds in limited spaces, and gardening practices that strive to simulate nature with meticulous details while adapting to local conditions. Garden masters of each dynasty consistently used traditional materials and techniques in the repairing and maintenance of these gardens. The local government has insisted on minimum intervention in conservation work for the purpose of respecting the historic condition of these heritage sites and controls the impact of modern urbanization around them, keeping intact the charm of these classical Suzhou gardens.

Protection and management requirements

The classical gardens in Suzhou on the World Heritage List are all listed by the State Council as State Priority Protected Sites, and therefore subject to strict conservation and management laws and regulations including the *Law of People's Republic of China on the Protection of Cultural Relics*. The government of the Suzhou municipality established an agency for the conservation and management of the gardens and cultural heritage in 1949. The Suzhou Municipal Garden and Landscape Administration Bureau, which includes the Heritage Supervision Department, Heritage Monitoring and Conservation Centre and site management office, is the responsible managerial entity for each garden.

So far the classical gardens of Suzhou have been well preserved. Management and Protection Regulations of Suzhou Garden and the Conservation Plan for the World Heritage Classical Gardens of Suzhou have been issued, in which the property area and buffer zone are clearly defined. The protection of these gardens has been incorporated into the framework of the Master Plan of Suzhou City. Conservation and management institutions at all levels have determined and will focus on the formulation and enforcement of all respective laws and regulations, and interim and long term conservation plans. All measures serve a common purpose: to minimize the impact of urbanization by strictly monitoring and supervising various factors that could potentially affect these gardens, including through regulating approved procedures for construction projects within the buffer zone; reducing population density; improving living conditions and heritage awareness of residents around the area, and mitigating the pressures that arise from commercial activities and tourism. The ultimate goal is to guarantee the scientific, orderly conservation and management of these classical gardens of Suzhou.

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 | The unique landscaping system that embodies the traditional Chinese culture and aesthetic accomplishments | × | | | |
| 3.2.2 | The unique gardening system embodied by its planning, designing and construction technologies, that follows the law of nature, makes use of local geographical conditions, and features refined construction | × | | | |
| 3.2.3 | Finest remnants of the wisdom and tradition of ancient Chinese intellectuals to harmonize with nature while cultivating their temperament. | × | | | |
| 3.2.4 | Reflecting the underlying philosophy, literature, art and craftsmanship shown in the architecture, gardening as well as the handicrafts from the East Yangtze Delta region in the 11th to 19th centuries. | × | | | |
| 3.2.5 | Outstanding examples of the harmonious relationship achieved between traditional Chinese residences and artfully contrived nature, showcasing the life style, etiquette and customs of the East Yangtze Delta region in ancient times of China | × | | | |
| 3.2.6 | Waterways, streets and alleys, residences and all other necessary elements within the buffer zone that systematically showcase the "city landscape" formed by the Classical Gardens of Suzhou. | × | | | |
| 3.2.7 | | | | | |
| 3.2.8 | | | | | |
| 3.2.9 | | | | | |
| 3.2.10 | | | | | |
| 3.2.11 | | | | | |
| 3.2.12 | | | | | |
| 3.2.13 | | | | | |
| 3.2.14 | | | | | |
| 3.2.15 | | | | | |

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

The property's overall layouts, uses and functions, and individual heritage attributes have been maintained.

- 4. Factors Affecting the Property
- 4.1. Buildings and Development

4.1.1 - Housing

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

• Relevant, Positive, Negative, Current, Potential, Outside

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| | Impact | | Origin | | Trend of impact | | |
|--------------|---------|-----------|--------------------------|----------------|---------------------|---------------|------------|
| Impact | Current | Potential | Inside | Outside | № Decreasing | → Stable | Increasing |
| O Positive X | × | | × | | | \rightarrow | |
| Negative | | | | | | | |

4.1.2 - Commercial development

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

• Relevant, Negative, Potential, Outside

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

4.1.3 - Industrial areas

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

• Relevant, Negative, Current, Outside

| Relevant | X Not relevant |
|----------|----------------|
| | THE TOLERAN |

4.1.4 - Major visitor accommodation and associated infrastructure

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

• Relevant, Positive, Current, Outside

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

4.1.5 - Interpretative and visitation facilities

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

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

| X Relevant | | | | Not relevant | | | |
|---------------|---------|-----------|--------------------------|----------------|---------------------|-----------------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | Outside | → Decreasing | ⇒ Stable | Increasing |
| Positive ★ | × | | × | | | | 7 |
| Negative | | | | | | | |

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

Most component gardens are located in the old city, close to surrounding residential quarters. Housing and commercial developments in the buffer zone can stimulate consumption and bring certain benefits to local residents, but such developments should be brought under proper control. Once such buildings exceed planned height restrictions, they would affect landscapes of the property. Vibration generated by construction activities such as foundation digging would also have certain impacts.

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

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

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

| X Relevant | | | | Not relevant | | | |
|--------------|---------|-----------|--------|----------------|---------------------|----------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | Outside | ▶ Decreasing | → Stable | Increasing |
| O Positive 🗶 | × | | | × | | | • |
| ○ Negative X | × | | | × | > | | |

4.2.2 - Underground transport infrastructure

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

• Not relevant

| × Relevant | Not relevant |
|------------|--------------|
| A Relevant | Not relevant |
| | |

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| | Impact | | Origin | | Trend of impact | | |
|--------------|---------|-----------|--------------------------|----------------|---------------------|----------|------------|
| Impact | Current | Potential | Inside | Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| ② Positive X | × | | | × | | | / |
| | × | | | × | S | | |

4.2.3 - Air transport infrastructure

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

Not relevant

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

4.2.4 - Marine transport infrastructure

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

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

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

4.2.5 - Effects arising from use of transportation infrastructure

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

Not relevant

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

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

Ground transportation facilities are mainly city roads. Large vehicles would generate vibration and affect safety of the property's buildings. Underground transportation facilities, mainly subways, ease ground traffic pressure but would also generate vibration which have more lasting impact. Metro Line 4 has had certain impact on rockeries of the Canglang Pavilion.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

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

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

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

4.3.2 - Renewable energy facilities

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

Not relevant

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

4.3.3 - Non-renewable energy facilities

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

• Relevant, Negative, Current, Potential, Outside

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

4.3.4 - Localised utilities

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

• Relevant, Negative, Current, Outside

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

4.3.5 - Major linear utilities

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

• Relevant, Negative, Current, Potential, Outside

| Rel | evant | X Not relevant |
|-----|-------|----------------|
| | | |

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

No comments

4.4. Pollution

4.4.1 - Pollution of marine waters

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

Not relevant

Relevant X Not relevant

4.4.2 - Ground water pollution

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

• Relevant, Negative, Current, Potential, Inside, Outside

Relevant X Not relevant

4.4.3 - Surface water pollution

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

• Relevant, Negative, Current, Potential, Outside

| × Relevant | | | | Not relevant | | | | |
|------------|---------|-----------|--------------------------|----------------|---------------------|---------------|------------|--|
| | Impact | | Origin | | Trend of impact | | | |
| Impact | Current | Potential | Inside | Outside | ▶ Decreasing | ⇒ Stable | Increasing | |
| O Positive | | | | | | | | |
| Negative X | × | × | | × | | \rightarrow | | |

4.4.4 - Air pollution

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

• Relevant, Negative, Current, Potential, Outside

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

4.4.5 - Solid waste

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

• Relevant, Negative, Potential, Inside, Outside

| ≭ Relevant | | | | Not relevant | | | |
|-------------------|---------|-----------|--------------------------|------------------|---------------------|---------------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | © Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| Positive | | | | | | | |
| | × | × | | × | | \Rightarrow | |

4.4.6 - Input of excess energy

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

• Relevant, Negative, Potential, Inside, Outside

Relevant X 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

Monitoring results over the recent years show that several water pollution indexes exceed permitted levels and heavy metal indexes are high in soil of several gardens. These issues have been addressed and monitoring is ongoing.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

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

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Not relevant

Relevant X Not relevant

4.5.2 - Aquaculture

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

Not relevant

Relevant X Not relevant

4.5.3 - Land conversion

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

Not relevant

Relevant X Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

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

Not relevant

Relevant X Not relevant

4.5.5 - Crop production

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

• Relevant, Positive, Current, Potential, Inside, Outside

Relevant
X Not relevant

4.5.6 - Commercial wild plant collection

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

Not relevant

Relevant X Not relevant

4.5.7 - Subsistence wild plant collection

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

Not relevant

Relevant X Not relevant

4.5.8 - Commercial hunting

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

Not relevant

Relevant X Not relevant

4.5.9 - Subsistence hunting

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

Not relevant

Relevant X Not relevant

4.5.10 - Forestry/Wood production

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

Not relevant

Relevant X Not relevant

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

No comments

4.6. Physical resource extraction

4.6.1 - Mining

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

Not relevant

Relevant X Not relevant

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4.6.2 - Quarrying

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

Not relevant

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

4.6.3 - Oil and gas

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

Not relevant

Relevant X Not relevant

4.6.4 - Water (extraction)

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

Not relevant

Relevant X Not relevant

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

No comments

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

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

• Relevant, Negative, Current, Potential, Outside

| × Relevant | | | | Not relevant | | | | |
|--------------|---------|-----------|--------------------------|----------------|---------------------|---------------|------------|--|
| | Impact | | Origin | | Trend of impact | | | |
| Impact | Current | Potential | Inside | Outside | → Decreasing | ⇒ Stable | Increasing | |
| O Positive | | | | | | | | |
| ○ Negative X | × | × | × | × | | \rightarrow | | |

4.7.2 - Relative humidity

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

• Relevant, Negative, Current, Potential, Outside

| × Relevant | | | | Not relevant | | | | |
|----------------------------|---------|-----------|--------------------------|--------------|---------------------|---------------|------------|--|
| | Impact | | Origin | | Trend of impact | | | |
| Impact | Current | Potential | Inside | © Outside | ▶ Decreasing | ⇒ Stable | Increasing | |
| Positive | | | | | | | | |
| | × | × | × | × | | \rightarrow | | |

4.7.3 - Temperature

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

• Relevant, Negative, Current, Potential, Outside

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

4.7.4 - Radiation/Light

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

• Relevant, Negative, Current, Potential, Outside

| Delevent | Water to the contract of the c |
|----------|--|
| Relevant | X Not relevant |
| | |
| | |

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4.7.5 - Dust

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

• Relevant, Negative, Current, Potential, Outside

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

4.7.6 - Water (rain/water table)

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

• Relevant, Negative, Potential, Inside, Outside

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

4.7.7 - Pests

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

• Relevant, Negative, Potential, Inside, Outside

| × Relevant | | | | Not relevant | | | |
|--------------|---------|-----------|----------|----------------|---------------------|---------------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | • Inside | Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| Positive | | | | | | | |
| ○ Negative X | × | × | × | × | | \rightarrow | |

4.7.8 - Micro-organisms

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

• Relevant, Negative, Potential, Inside, Outside

| × Relevant | | | | Not relevant | | | |
|--------------|----------------|-----------|--------|----------------|---------------------|-----------------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Gurrent | Potential | Inside | Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| O Positive | | | | | | | |
| ○ Negative X | | × | ж | | | → | |

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

Wind has great impact on trees in component gardens, in particular ancient and famous trees, and have certain impact on building roofs. Due to high temperature and humidity, ancient buildings are prone to termite attacks and furnishings such as calligraphies and painting are prone to dampness.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

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

• Relevant, Positive, Current, Potential, Inside, Outside

| X Relevant | | | | Not relevant | | | |
|-----------------|---------|-----------|--------------------------|------------------|---------------------|----------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | © Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| ○ Positive ★ | × | × | × | × | | → | |
| Negative | | | | | | | |

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4.8.2 - Society's valuing of heritage

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

• Relevant, Positive, Current, Potential, Inside, Outside

| × Relevant | | | 1 | Not relevant | | | |
|------------|---------|-----------|--------|----------------|---------------------|----------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | Outside | ▶ Decreasing | → Stable | Increasing |
| Positive X | × | × | × | × | | → | |
| Negative | | | | | | | |

4.8.3 - Indigenous hunting, gathering and collecting

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

Not relevant

Relevant X Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system

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

Relevant, Positive, Negative, Current, Potential, Outside

| X Relevant | | | ı | Not relevant | | | |
|--------------|------------------|-----------|--------|--------------|---------------------|----------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | G Current | Potential | Inside | © Outside | ▶ Decreasing | ⇒ Stable | Increasing |
| O Positive X | × | | × | | | | 7 |
| ○ Negative X | | × | | × | | | - |

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

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

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

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

4.8.6 - Impacts of tourism/Visitation/Recreation

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

• Relevant, Positive, Negative, Current, Potential, Outside

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

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

Some buildings are related to religious beliefs. For example, the Lion Forest Garden and the Lingering Garden originally had religious uses but their religious functions no longer exist now. Community residents in the surrounding of the property become increasingly aware of heritage conservation and gained further knowledge about its value and purpose through publicity activities. Some residents have joined volunteers' groups to contribute to the property's conservation and publicity.

4.9. Other human activities

4.9.1 - Illegal activities

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

• Relevant, Negative, Potential, Outside

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

4.9.2 - Deliberate destruction of heritage

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

• Relevant, Negative, Potential, Outside

| Relevant | Y Net relevant |
|----------|----------------|
| Relevant | X Not relevant |
| | |

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4.9.3 - Military training

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

Not relevant

Relevant X Not relevant

4.9.4 - War

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

Not relevant

Relevant X Not relevant

4.9.5 - Terrorism

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

Not relevant

Relevant X Not relevant

4.9.6 - Civil unrest

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

Not relevant

Relevant X Not relevant

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

No comment

4.10. Climate change and severe weather events

4.10.1 - Storms

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

• Relevant, Negative, Potential, Outside

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

4.10.2 - Flooding

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

• Relevant, Negative, Potential, Outside

Relevant X Not relevant

4.10.3 - Drought

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

• Relevant, Negative, Potential, Outside

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

4.10.4 - Desertification

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

Not relevant

Relevant X Not relevant

4.10.5 - Changes to oceanic waters

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

Not relevant

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Relevant X Not relevant

4.10.6 - Temperature change

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

• Relevant, Negative, Current, Potential, Outside

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

4.10.7 - Other climate change impacts

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

• Relevant, Negative, Potential, Outside

| Relevant | ★ Not relevant ** ** ** ** ** ** ** ** ** |
|----------|--|
|----------|--|

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

Climate and temperature change have certain impact on plant growth in the component gardens. For example, sunscald is a typical example demonstrating the impact of climate.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

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

Not relevant

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

4.11.2 - Earthquake

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

• Relevant, Negative, Potential, Outside

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

4.11.3 - Tsunami/Tidal wave

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

Not relevant

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

4.11.4 - Avalanche/Landslide

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

Not relevant

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

4.11.5 - Erosion and siltation/Deposition

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

• Relevant, Negative, Potential, Outside

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

4.11.6 - Fire (wildfire)

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

• Relevant, Negative, Potential, Outside

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

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

Fire is the biggest risk affecting the property. Most buildings in the property are wooden structures and temperature in summer time can be as high as 40 degrees, which are destructive to garden plants. Once a fire occurs, it would cause irreparable loss. Emergency responses and prevention measures have been put in place in order to achieve zero accidents.

4.12. Invasive/alien species or hyper-abundant species

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4.12.1 - Translocated species

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

Relevant, Negative, Potential, Outside

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

4.12.2 - Invasive/Alien terrestrial species

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

• Relevant, Negative, Current, Potential, Outside

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

4.12.3 - Invasive/Alien freshwater species

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

• Relevant, Negative, Current, Potential, Outside

| X Relevant | | | | Not relevant | | | |
|-------------------|-------------------|---|--------|----------------|------------------------------------|----------|------------|
| | Impact | | | | Trend of impact | | |
| Impact | Current Potential | | Inside | Outside | ▶ Decreasing ⇒ Stable ✓ Increasing | | Increasing |
| O Positive | | | | | | | |
| Negative X | × | × | | × | | → | |

4.12.4 - Invasive/Alien marine species

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

Not relevant

| elevant | ✗ Not relevant |
|---------|----------------|
|---------|----------------|

4.12.5 - Hyper-abundant species

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

• Relevant, Negative, Potential, Outside

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

4.12.6 - Modified genetic material

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

• Not relevant

| Relevant | X 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 |

positivelyExotic plant species may be used at flower fairs. Appl snail has been discovered in ponds.

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

| X Relevant | | | | Not relevant | | | |
|--|---------|-----------|--------|----------------|---------------------|----------|------------|
| Impact Original Control of Contro | | | Origin | | Trend of impact | | |
| Impact | Current | Potential | Inside | Outside | → Decreasing | → Stable | Increasing |
| ○ Positive ★ | × | × | × | × | | → | |

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4.13.2 - Legal framework

Negative

| × Relevant | | | 1 | Not relevant | | | | |
|-------------------|--|-----------|----------|----------------|---------------------|----------|------------|--|
| | Impact Original Control of the Contr | | | | Trend of impact | | | |
| Impact | Current | Potential | • Inside | Outside | ▶ Decreasing | → Stable | Increasing | |
| ○ Positive ★ | × | × | × | × | | → | | |
| Negative | | | | | | | | |

4.13.3 - Governance

| × Relevant | | | 1 | Not relevant | | | | |
|------------|---------------|-----------|--------------------------|----------------|---------------------|-----------------|------------|--|
| | Impact Origin | | | | Trend of impact | | | |
| Impact | Current | Potential | Inside | Outside | ▶ Decreasing | ⇒ Stable | Increasing | |
| Positive X | × | × | × | × | | → | | |
| Negative | | | | | | | | |

4.13.4 - Management activities

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

• Relevant, Positive, Current, Potential, Inside

| X Relevant | | | | Not relevant | | | | |
|--------------|---------|-----------|----------|--------------|---------------------|---------------|------------|--|
| | Impact | | Origin | | Trend of impact | | | |
| Impact | Current | Potential | • Inside | © Outside | ▶ Decreasing | ⇒ Stable | Increasing | |
| O Positive X | × | × | × | | | \rightarrow | | |
| Negative | | | | | | | | |

4.13.5 - Financial resources

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

4.13.6 - Human resources

| × Relevant | | | 1 | Not relevant | | | |
|------------|------------------|-----------|--------------------------|------------------|---------------------|----------|------------|
| | Impact Orig | | Origin | | Trend of impact | | |
| Impact | G Current | Potential | Inside | © Outside | ▶ Decreasing | → Stable | Increasing |
| Positive X | × | × | × | × | | → | |
| Negative | | | | | | | |

4.13.7 - Low impact research/monitoring activities

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

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

| × Relevant | | | | Not relevant | | | |
|--------------|---------|-----------|----------|----------------|---------------------|----------|------------|
| | Impact | | Origin | | Trend of impact | | |
| Impact | Current | Potential | • Inside | Outside | ▶ Decreasing | → Stable | Increasing |
| O Positive 🗶 | × | × | × | × | | → | |
| Negative | | | | | | | |

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4.13.8 - High impact research/monitoring activities

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

Not relevant

Relevant X Not relevant

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

All administrative offices are properly and stably staffed, achieving a rough balance between retired and newly recruited staff. Staff members are specialized in a variety of professional fields, with strong professional capacity. The municipal government earmarks fiscal funds to administrative offices, ensuring staff salary and conservation needs.

4.14. Other factor(s)

4.14.1 - Other factor(s)

No comments

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

| 110.11 - 1 detor 3 duminary Table | | | | | | |
|---|------------|--------|---|--------|----------|---------------|
| Name AAR Suit Viene and Boundary and | Imp | Impact | | Origin | | Trend |
| 4.1 Buildings and Development | | | | | | |
| 4.1.1 Housing | • | 9 | | • | | → |
| | | | | | | |
| 4.1.2 Commercial development | • | q | | | G | → |
| | • | | 9 | | F | • |
| 4.1.5 Interpretative and visitation facilities | • | q | | • | | - |
| | | | | | | |
| 4.2 Transportation Infrastructure | | | | | | |
| 4.2.1 Ground transport infrastructure | • | q | | | C | - |
| | • | q | | | G | • |
| 4.2.2 Underground transport infrastructure | • | q | | | F | 1 |
| | • | 4 | | | Œ | • |
| 4.2.5 Effects arising from use of transportation infrastructure | | | | | | |
| | • | | 9 | | Œ | • |
| 4.4 Pollution | | | | | | |
| 4.4.3 Surface water pollution | | | | | | |
| | | q | 9 | | C | \rightarrow |
| 4.4.4 Air pollution | | | | | | |
| | | 9 | 9 | | Œ | \rightarrow |
| 4.4.5 Solid waste | | | | | | |
| | 9 | 9 | 9 | | Œ | \rightarrow |
| 4.7 Local conditions affecting physical fabric | | | | | | |
| 4.7.1 Wind | | | | | | |
| | | q | 9 | • | Œ | \rightarrow |
| 4.7.2 Relative humidity | | | | | | |
| | • | q | 9 | • | F | \rightarrow |
| 4.7.3 Temperature | | | | | | |
| 4750 | 9 | q | 9 | • | F | → |
| 4.7.5 Dust | | | | | | |
| | (a) | q | 9 | • | G | \rightarrow |

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| 4.7.6 Water (rain/water table) | | | | | | |
|--|----------|----------|-------------|----------|---------------------------------------|-----------------|
| | | A | q | • | F | → |
| 4.7.7 Pests | | | | | | |
| | | 9 | 9 | • | Œ | \rightarrow |
| 4.7.8 Micro-organisms | | | | | | |
| | | | 9 | • | | → |
| 4.8 Social/Cultural uses of heritage | | | | | | |
| 4.8.1 Ritual/Spiritual/Religious and associative uses | • | 9 | 9 | • | F | → |
| 4.8.2 Society's valuing of heritage | • | 9 | 9 | • | F | → |
| 4.8.4 Changes in traditional ways of life and knowledge system | | q | | @ | | <i>p</i> |
| | | | 9 | | Œ | 7 |
| 4.8.6 Impacts of tourism/Visitation/Recreation | O | 9 | q | | G | → |
| | | q | 9 | | Œ | S |
| 4.10 Climate change and severe weather events | | | | | | |
| 4.10.1 Storms | | | | | | |
| | | 9 | 9 | | Œ | \rightarrow |
| 4.10.3 Drought | | | | | | |
| | | | 9 | | Œ | \rightarrow |
| 4.10.6 Temperature change | | | | | | |
| | | q | q | | F | \rightarrow |
| | | | | | | |
| 4.12 Invasive/alien species or hyper-abundant species | | | | | | |
| 4.12 Invasive/alien species or hyper-abundant species 4.12.1 Translocated species | | | | | | |
| | • | 9 | 9 | | F | → |
| | | | 9 | | F | → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species | • | 9 | 9 | | & | → → |
| 4.12.1 Translocated species | • | 9 | Ť | | Œ. | → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species | | | Ť | | | → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors | • | 9 | 9 | | E | → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species | • | 9 | 9 | • | Œ. | → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors | • | 9 | 9 | • | E | → → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan | • | 9 9 | 9 | | E | → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan | • | 9 9 | 9 | | E | → → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan 4.13.2 Legal framework | • | 9 9 | 9 9 | • | · · · · · · · · · · · · · · · · · · · | → → → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan 4.13.2 Legal framework 4.13.3 Governance | • | 9 9 9 | 9 9 | 0 | · · · · · · · · · · · · · · · · · · · | → → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan 4.13.2 Legal framework 4.13.3 Governance | • | 9 9 9 | 9 9 | 0 | · · · · · · · · · · · · · · · · · · · | |
| 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater 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 | • | 9 9 9 | 9 9 | 0 | · · · · · · · · · · · · · · · · · · · | → → → → → → → |
| 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater 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 | • | 9 9 9 | 9 9 | 0 | · · · · · · · · · · · · · · · · · · · | → → → → → → → → |
| 4.12.1 Translocated species 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater 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 | | 9 9 9 9 | 4 4 4 | 0 | E E E | → → → → → → → |
| 4.12.2 Invasive/Alien terrestrial species 4.12.3 Invasive/Alien freshwater species 4.13 Management and institutional factors 4.13.1 Management system/Management plan 4.13.2 Legal framework 4.13.3 Governance 4.13.5 Financial resources | | 9 9 9 | 4 4 4 | 0 | | |

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| Legend | Current | Potential | Negative | Positive | Inside | Outside |
|--------|---------|--|----------|---------------------------------------|--------------------------|---------|
| | , | / · · · · · · · · · · · · · · · · · · · | ●g | · · · · · · · · · · · · · · · · · · · | | |

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 Housi | ng | O | q | | • | | \rightarrow | | |
| | | | | | | | | | |
| Spatial sca | le - 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 - Im | pact on the attributes | | | | | | | | |
| | Insignificant | | | | | | | | |
| × | Minor | | | | | | | | |
| | Significant | | | | | | | | |
| | Major | | | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | | | |
| × | High capacity | | | | | | | | |
| | Medium capacity | | | | | | | | |
| | Low capacity | | | | | | | | |
| | No capacity and / or resources | | | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | | | |
| | Decreasing | | | | | | | | |
| × | Static | | | | | | | | |
| | Increasing | | | | | | | | |
| | | | | | | | | | |
| Name | | | | | 0 | | | | |

| Name | Impact | | | Origin | | Trend |
|------------------------------|----------|---|---|--------|----------|---------------|
| 4.1.2 Commercial development | O | 9 | | | G | \rightarrow |
| | | | 9 | | C | \$ |

| Spatial sca | Spatial scale - Area affected by the factor | | | | | | |
|-------------|---|--|--|--|--|--|--|
| | Restricted | | | | | | |
| × | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal | scale - Occurence of the impact | | | | | | |

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| | One off or rare | | | | |
|--------------|---|----------|---|--------|-------|
| | Intermittent or sporadic | | | | |
| | Frequent | | | | |
| × | On-going . | | | | |
| Impact - Im | pact on the attributes | | | | |
| | Insignificant | | | | |
| × | Minor | | | | |
| | Significant | | | | |
| | Major | | | | |
| Manageme | nt response - Capacity of management to respond | | | | |
| × | High capacity | | | | |
| | Medium capacity | | | | |
| | Low capacity | | | | |
| | No capacity and / or resources | | | | |
| Trend - Dev | elopement over the last 6 years | | | | |
| | Decreasing | | | | |
| × | Static | | | | |
| | Increasing | | | | |
| | | | | | |
| Name | | Impact | | Origin | Trend |
| 4.1.5 Interp | retative and visitation facilities | O | 9 | • | _ |
| | | | | | |
| Spatial sca | e - Area affected by the factor | | | | |
| | Restricted | | | | |
| | Localised | | | | |
| × | Extensive | | | | |
| | Widespread | | | | |
| Temporal s | cale - Occurence of the impact | | | | |
| | One off or rare | | | | |
| | | | | | |
| | Intermittent or sporadic | | | | |
| | | | | | |
| × | Intermittent or sporadic | | | | |
| | Intermittent or sporadic Frequent | | | | |
| | Intermittent or sporadic Frequent On-going | | | | |
| | Intermittent or sporadic Frequent On-going pact on the attributes | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major Intermittent or sporadic | | | | |
| Impact - Im | Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major ht response - Capacity of management to respond High capacity | | | | |

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

4.2 Transportation Infrastructure

| Name | | Impact | | | Origin | | Trend |
|---------------------------------------|---|----------|---|--|--------|----------|-------|
| 4.2.1 Ground transport infrastructure | | O | q | | | C | 1 |
| | | | q | | | G | • |
| Spatial sca | Spatial scale - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| × | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| × | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |

| Name | Impac | : | Origin | | Trend |
|--|----------|---|--------|----------|-------|
| 4.2.2 Underground transport infrastructure | O | 9 | | G | 7 |
| | | q | | G | • |

| Spatial sca | le - Area affected by the factor |
|-------------|----------------------------------|
| | Restricted |
| × | Localised |
| | Extensive |
| | Widespread |

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| Temporal | scale - Occurence of the impact | | | | | |
|------------------------------|---|--------|---|--------|-------------|----------|
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| | Frequent | | | | | |
| × | On-going | | | | | |
| Impact - In | npact on the attributes | | | | | |
| | Insignificant | | | | | |
| | Minor | | | | | |
| × | Significant | | | | | |
| | Major | | | | | |
| Manageme | ent response - Capacity of management to respond | | | | | |
| × | High capacity | | | | | |
| | Medium capacity | | | | | |
| | Low capacity | | | | | |
| | No capacity and / or resources | | | | | |
| Trend - De | velopement over the last 6 years | | | | | |
| | Decreasing | | | | | |
| × | Static | | | | | |
| | Increasing | | | | | |
| Name | | Impact | | Origin | | Trend |
| Hame | | impact | | Origin | | Helia |
| 4.2.5 Effec | ts arising from use of transportation infrastructure | | | | | |
| 4.2.5 Effec | ts arising from use of transportation infrastructure | | q | | Œ | S |
| | | • | 9 | | Œ | ` |
| | ale - Area affected by the factor | • | 9 | | F | ` |
| Spatial sca | ale - Area affected by the factor Restricted | • | q | | F | ` |
| | ale - Area affected by the factor Restricted Localised | • | 9 | | Œ | • |
| Spatial sca | ale - Area affected by the factor Restricted Localised Extensive | • | 9 | | (| ` |
| Spatial sca | ale - Area affected by the factor Restricted Localised Extensive Widespread | • | 9 | | E | ` |
| Spatial sca | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact | • | q | | (| ` |
| Spatial sca | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare | | q | | (| Y |
| Spatial sca | Restricted Localised Extensive Widespread scale - Occurence of the impact Intermittent or sporadic | | 9 | | (| ` |
| Spatial sca | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent | | 9 | | E | |
| X Temporal | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going | | q | | E | |
| X Temporal | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going mpact on the attributes | | q | | (| |
| X Temporal | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going | | 9 | | (| \ |
| X Temporal: | Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going mpact on the attributes Insignificant | | 9 | | (\$ | |
| X Temporal: | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going mact on the attributes Insignificant Minor | | 9 | | (\$ | |
| X Temporal: | ale - Area affected by the factor Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going mpact on the attributes Insignificant Minor Significant | | q | | | |
| X Temporal: | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Inpact on the attributes Insignificant Minor Significant Major | | q | | (% | |
| X Temporal: X Impact - In | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Inpact on the attributes Insignificant Minor Significant Major Ent response - Capacity of management to respond | | 9 | | (\$ | |
| X Temporal: X Impact - In | Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going npact on the attributes Insignificant Minor Significant Major ent response - Capacity of management to respond High capacity | | 9 | | | |

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| | No capacity and / or resources |
|------------|----------------------------------|
| Trend - De | velopement over the last 6 years |
| | Decreasing |
| × | Static |
| | Increasing |

4.4 Pollution

Trend - Developement over the last 6 years

Decreasing

Static

Increasing

| Name | Impact Origin | | | Trend | | | |
|-------------|---|--|---|-------|--|---|---------------|
| 4.4.3 Surfa | 4.4.3 Surface water pollution | | | | | | |
| | | | 9 | 9 | | F | \rightarrow |
| Spatial sca | Spatial scale - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| × | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | scale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| × | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| | High capacity | | | | | | |
| × | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |

| Name | Impact | | | Origin | | Trend |
|---------------------|--------|----------|---|--------|---|---------------|
| 4.4.4 Air pollution | | | | | | |
| | | A | 9 | | Œ | \rightarrow |

| Spatial sca | le - Area affected by the factor |
|-------------|----------------------------------|
| | Restricted |
| | Localised |
| × | Extensive |

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| | Widespread | | | | | | |
|--|--|--------|---|---|--------|----------|---------|
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| × | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| Name 4.4.5 Solid | waste | | | | Origin | . ref. | Trend |
| | waste | Impact | 9 | 9 | Origin | Œ | Trend ⇒ |
| 4.4.5 Solid | waste le - Area affected by the factor | | | 9 | Origin | Œ | Trend |
| 4.4.5 Solid | | | | q | Origin | Œ | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor | | | q | Origin | Œ | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted | | | q | Origin | Œ | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted Localised | | | q | Origin | Œ | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted Localised Extensive | | | q | Origin | Œ | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted Localised Extensive Widespread | | | q | Origin | G | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact | | | q | Origin | G | Trend |
| 4.4.5 Solid Spatial sca | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare | | | व | Origin | (| Trend |
| 4.4.5 Solid Spatial sca | Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic | | | व | Origin | C. | Trend |
| 4.4.5 Solid Spatial sca X Temporal s | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent | | | q | Origin | (| Trend |
| 4.4.5 Solid Spatial sca X Temporal s | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going | | | न | Origin | (| Trend |
| 4.4.5 Solid Spatial sca X Temporal s | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes | | | व | Origin | (| Trend |
| 4.4.5 Solid Spatial sca X Temporal s | le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant | | | व | Origin | (| Trend |
| 4.4.5 Solid Spatial sca X Temporal s X | Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major | | | q | Origin | (| Trend |
| 4.4.5 Solid Spatial sca X Temporal s X | Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant | | | व | Origin | | Trend |
| 4.4.5 Solid Spatial sca X Temporal s X | Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major | | | व | Origin | | Trend |

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| | Low capacity |
|-------------|----------------------------------|
| | No capacity and / or resources |
| Trend - Dev | velopement over the last 6 years |
| | Decreasing |
| × | Static |
| | Increasing |

4.7 Local conditions affecting physical fabric

| Name | me | | Impact | | | Origin | |
|-----------------------------------|---|--|--------|---|---|--------|---------------|
| 4.7.1 Wind | | | | | | | |
| | | | 9 | 9 | • | Œ | \rightarrow |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| × | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| × | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Impact on the attributes | | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | velopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |

| Name | Impact | | Origin | | Trend | |
|---|--------|----------|--------|---|-------|---------------|
| .7.2 Relative humidity | | | | | | |
| | | A | 9 | • | F | \rightarrow |
| | | | | | | |
| Spatial scale - Area affected by the factor | | | | | | |

| Spatial Sca | ale - Area affected by the factor |
|-------------|-----------------------------------|
| | Restricted |
| | Localised |

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| × | Extensive | | | |
|-------------|---|--------|--------|-------|
| | Widespread | | | |
| Temporal s | cale - Occurence of the impact | | | |
| | One off or rare | | | |
| | Intermittent or sporadic | | | |
| × | Frequent | | | |
| | On-going | | | |
| Impact - Im | pact on the attributes | | | |
| | Insignificant | | | |
| | Minor | | | |
| × | Significant | | | |
| | Major | | | |
| Manageme | nt response - Capacity of management to respond | | | |
| × | High capacity | | | |
| | Medium capacity | | | |
| | Low capacity | | | |
| | No capacity and / or resources | | | |
| Trend - Dev | relopement over the last 6 years | | | |
| | Decreasing | | | |
| × | Static | | | |
| | Increasing | | | |
| | | | | |
| Name | | Impact | Origin | Trend |

| Name | Impact | - | | Origin | | Trend |
|-------------------|--------|---|---|--------|----------|---------------|
| 4.7.3 Temperature | | | | | | |
| | | q | 9 | • | G | \rightarrow |

| 4.7.3 Temperature | | | | | | |
|-------------------|---|----------|---|---|---|---------------|
| | | P | 9 | • | Œ | \rightarrow |
| Spatial sca | ale - Area affected by the factor | | | | | |
| | Restricted | | | | | |
| | Localised | | | | | |
| | Extensive | | | | | |
| × | Widespread | | | | | |
| Temporal s | scale - Occurence of the impact | | | | | |
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| | Frequent | | | | | |
| × | On-going | | | | | |
| Impact - Im | pact on the attributes | | | | | |
| | Insignificant | | | | | |
| × | Minor | | | | | |
| | Significant | | | | | |
| | Major | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | |
| × | High capacity | | | | | |
| | Medium capacity | | | | | |

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| | Low capacity |
|-------------|----------------------------------|
| | No capacity and / or resources |
| Trend - Dev | velopement over the last 6 years |
| | Decreasing |
| × | Static |
| | Increasing |

| 4.7.5 Dust | Name | Impact | | | Origin | | Trend |
|------------|------------|----------|---|---|--------|---|---------------|
| | 4.7.5 Dust | | | | | | |
| | | 6 | 9 | 9 | • | Œ | \rightarrow |

| | | q | q | • | G | → |
|-------------|---|---|---|---|----------|----------|
| Spatial sca | le - Area affected by the factor | | | | | |
| | Restricted | | | | | |
| | Localised | | | | | |
| × | Extensive | | | | | |
| | Widespread | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | |
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| × | Frequent | | | | | |
| | On-going | | | | | |
| Impact - Im | pact on the attributes | | | | | |
| | Insignificant | | | | | |
| × | Minor | | | | | |
| | Significant | | | | | |
| | Major | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | |
| × | High capacity | | | | | |
| | Medium capacity | | | | | |
| | Low capacity | | | | | |
| | No capacity and / or resources | | | | | |
| Trend - Dev | velopement over the last 6 years | | | | | |
| | Decreasing | | | | | |
| × | Static | | | | | |
| | Increasing | | | | | |

| Name | | Impact | | | Origin | |
|--------------------------------|--|--------|---|---|----------|---------------|
| 4.7.6 Water (rain/water table) | | | | | | |
| | | q | 9 | • | (| \rightarrow |

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

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| | ur. | | | |
|-------------|---|--------|--------|-------|
| | Widespread | | | |
| Temporal s | cale - Occurence of the impact | | | |
| | One off or rare | | | |
| | Intermittent or sporadic | | | |
| × | Frequent | | | |
| | On-going | | | |
| Impact - Im | pact on the attributes | | | |
| | Insignificant | | | |
| | Minor | | | |
| × | Significant | | | |
| | Major | | | |
| Manageme | nt response - Capacity of management to respond | | | |
| × | High capacity | | | |
| | Medium capacity | | | |
| | Low capacity | | | |
| | No capacity and / or resources | | | |
| Trend - Dev | relopement over the last 6 years | | | |
| | Decreasing | | | |
| × | Static | | | |
| | Increasing | | | |
| | | | | |
| Name | | Impact | Origin | Trend |
| 4.7.7 Pests | | | | |

| 4.7.7 Pests | | | | | | |
|-------------|----------------------------------|---|---|---|---|---------------|
| | | 9 | 9 | • | C | \rightarrow |
| Spatial sca | le - Area affected by the factor | | | | | |
| | Restricted | | | | | |
| | Localised | | | | | |
| × | Extensive | | | | | |
| | Widespread | | | | | |

| | Localised |
|-------------|---------------------------------|
| × | Extensive |
| | Widespread |
| Temporal s | scale - Occurence of the impact |
| | One off or rare |
| | Intermittent or sporadic |
| × | Frequent |
| | On-going On-going |
| Impact - Im | npact on the attributes |

| | On-going | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|
| Impact - Impact on the attributes | | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | Management response - Capacity of management to respond | | | | | | |

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High capacity

Medium capacity

Low capacity

| | No capacity and / or resources | | | | |
|-------------|---|--------|---|--------|---------------|
| Trend - De | velopement over the last 6 years | | | | |
| | Decreasing | | | | |
| × | Static | | | | |
| | Increasing | | | | |
| | | | | | |
| Name | | Impact | | Origin | Trend |
| 4.7.8 Micro | -organisms | | | | |
| | | | 9 | • | \Rightarrow |
| Spatial sca | le - Area affected by the factor | | | | |
| | Restricted | | | | |
| | Localised | | | | |
| × | Extensive | | | | |
| | Widespread | | | | |
| Temporal s | cale - Occurence of the impact | | | | |
| | One off or rare | | | | |
| | Intermittent or sporadic | | | | |
| × | Frequent | | | | |
| | On-going | | | | |
| Impact - Im | pact on the attributes | | | | |
| | Insignificant | | | | |
| | Minor | | | | |
| × | Significant | | | | |
| | Major | | | | |
| Manageme | nt response - Capacity of management to respond | | | | |
| × | High capacity | | | | |
| | Medium capacity | | | | |
| | Low capacity | | | | |
| | No capacity and / or resources | | | | |
| Trend - De | velopement 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 | | 0 | 9 | 9 | • | © | \rightarrow |
| | | | | | | | |
| Spatial sca | ale - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| × | Localised | | | | | | |
| | Extensive | | | | | | |

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| | Widespread | | | | | | |
|---|--|--------|---|---|--------|---|---------|
| Temporal s | scale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| × | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| × | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - De | velopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| | ty's valuing of heritage | Impact | 9 | 9 | Origin | Œ | Trend → |
| | ty's valuing of heritage | | | 9 | | | |
| 4.8.2 Socie | ty's valuing of heritage lle - Area affected by the factor | | | 9 | | | |
| 4.8.2 Socie | | | | 9 | | | |
| 4.8.2 Socie | lle - Area affected by the factor | | | q | | | |
| 4.8.2 Socie | lle - Area affected by the factor Restricted | | | 9 | | | |
| 4.8.2 Socie Spatial sca | le - Area affected by the factor Restricted Localised | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread | | | व | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread scale - Occurrence of the impact | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread scale - Occurence of the impact One off or rare | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact Intermittent or sporadic | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent | | | व | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread Cocale - Occurence of the impact Intermittent or sporadic Frequent On-going | | | q | | | |
| 4.8.2 Socie Spatial sca | Restricted Localised Extensive Widespread Cone off or rare Intermittent or sporadic Frequent On-going Example 1. On-going Example 2. One of the attributes | | | q | | | |
| 4.8.2 Socie Spatial sca X Temporal s | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going spact on the attributes Insignificant | | | q | | | |
| 4.8.2 Socie Spatial sca X Temporal s | Restricted Localised Extensive Widespread Gale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Apact on the attributes Insignificant Minor | | | व | | | |
| 4.8.2 Socie Spatial sca X Temporal s | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going spact on the attributes Insignificant Minor Significant | | | q | | | |
| 4.8.2 Socie Spatial sca X Temporal s | Restricted Localised Extensive Widespread Gazle - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Insignificant Minor Significant Major | | | q | | | |

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| | Low capacity | | | | | | |
|-------------|--|--|--|--|--|--|--|
| | No capacity and / or resources | | | | | | |
| Trend - Dev | Trend - Developement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |

| | Increasing | | | | | |
|-------------|--|----------|---|--------|---|-------|
| | | | | | | |
| Name | | Impact | | Origin | | Trend |
| 4.8.4 Chan | ges in traditional ways of life and knowledge system | O | | • | | 1 |
| | | | 9 | | Œ | / |
| Spatial sca | lle - Area affected by the factor | | | | | |
| | Restricted | | | | | |
| | Localised | | | | | |
| × | Extensive | | | | | |
| | Widespread | | | | | |
| Temporal s | scale - Occurence of the impact | | | | | |
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| × | Frequent | | | | | |
| | On-going . | | | | | |
| Impact - Im | pact on the attributes | | | | | |
| | Insignificant | | | | | |
| | Minor | | | | | |
| × | Significant | | | | | |
| | Major | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | |
| | High capacity | | | | | |
| | Medium capacity | | | | | |
| × | Low capacity | | | | | |
| | No capacity and / or resources | | | | | |

| Name | Impac | Impact | | Origin | | Trend |
|--|-------|--------|----------|--------|---|---------------|
| 4.8.6 Impacts of tourism/Visitation/Recreation | • | 9 | 9 | | F | \rightarrow |
| | | q | 9 | | Œ | S |

Trend - Developement over the last 6 years

Decreasing
Static
Increasing

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

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| | Widespread |
|-------------|---|
| Temporal s | cale - Occurence of the impact |
| | One off or rare |
| | Intermittent or sporadic |
| × | Frequent |
| | On-going On-going |
| Impact - Im | pact on the attributes |
| | Insignificant |
| | Minor |
| × | Significant |
| | Major |
| Manageme | nt response - Capacity of management to respond |
| × | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Dev | velopement over the last 6 years |
| | Decreasing |
| × | Static |
| | Increasing |

4.10 Climate change and severe weather events

| Name | | Impact | | Origin | | Trend | |
|--------------|---|--------|---|--------|--|-------|---------------|
| 4.10.1 Stori | 4.10.1 Storms | | | | | | |
| | | | 9 | 9 | | Œ | \rightarrow |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| × | Restricted | | | | | | |
| | Localised | | | | | | |
| | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| × | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |

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| | Medium capacity | | | | | | |
|-------------|---|--------|---|---|--------|----------|----------|
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| 4.10.3 Drou | ght | _ | | _ | | | |
| | | | | 9 | | F | → |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| × | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| × | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| × | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| | perature change | pact | | | Crigin | | Toliu |
| | | | q | q | | © | → |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |

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| × | Extensive | | | | |
|-------------|---|--|--|--|--|
| | Widespread | | | | |
| Temporal s | icale - Occurence of the impact | | | | |
| | One off or rare | | | | |
| | Intermittent or sporadic | | | | |
| × | Frequent | | | | |
| | On-going On-going | | | | |
| Impact - Im | pact on the attributes | | | | |
| | Insignificant | | | | |
| × | Minor | | | | |
| | Significant | | | | |
| | Major | | | | |
| Manageme | nt response - Capacity of management to respond | | | | |
| × | High capacity | | | | |
| | Medium capacity | | | | |
| | Low capacity | | | | |
| | No capacity and / or resources | | | | |
| Trend - Dev | Trend - Developement over the last 6 years | | | | |
| | Decreasing | | | | |
| × | Static | | | | |
| | Increasing | | | | |

4.12 Invasive/alien species or hyper-abundant species

| Name | | Impact | | Origin | | Trend | |
|-------------|--|--------|---|--------|--|----------|---------------|
| 4.12.1 Tran | aslocated species | | | | | | |
| | | | 9 | 9 | | G | \rightarrow |
| Snatial sca | ale - 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 - In | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| × | Minor | | | | | | |
| | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | ent response - Capacity of management to respond | | | | | | |

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

| Name | Impact | | Origin | | Trend | |
|---|--------|---|--------|--|----------|---------------|
| 4.12.2 Invasive/Alien terrestrial species | | | | | | |
| | | 9 | 9 | | F | \rightarrow |

| | | 9 | 9 | Œ | → |
|-------------|---|---|---|---|----------|
| Spatial sca | le - Area affected by the factor | | | | |
| | Restricted | | | | |
| × | Localised | | | | |
| | Extensive | | | | |
| | Widespread | | | | |
| Temporal s | cale - Occurence of the impact | | | | |
| | One off or rare | | | | |
| × | Intermittent or sporadic | | | | |
| | Frequent | | | | |
| | On-going | | | | |
| Impact - Im | pact on the attributes | | | | |
| | Insignificant | | | | |
| × | Minor | | | | |
| | Significant | | | | |
| | Major | | | | |
| Manageme | nt response - Capacity of management to respond | | | | |
| × | High capacity | | | | |
| | Medium capacity | | | | |
| | Low capacity | | | | |
| | No capacity and / or resources | | | | |
| Trend - Dev | relopement over the last 6 years | | | | |
| | Decreasing | | | | |
| × | Static | | | | |
| | Increasing | | | | |

| Name | Impact | | | Origin | | Trend |
|--|--------|---|---|--------|---|---------------|
| 4.12.3 Invasive/Alien freshwater species | | | | | | |
| | | q | 9 | | Œ | \rightarrow |

| Spatial sca | le - Area affected by the factor |
|-------------|----------------------------------|
| × | Restricted |

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| | Localised |
|-------------|---|
| | Extensive |
| | Widespread |
| Temporal s | scale - Occurence of the impact |
| × | One off or rare |
| | Intermittent or sporadic |
| | Frequent |
| | On-going On-going |
| Impact - Im | pact on the attributes |
| | Insignificant |
| × | Minor |
| | Significant |
| | Major |
| Manageme | nt response - Capacity of management to respond |
| × | High capacity |
| | Medium capacity |
| | Low capacity |
| | No capacity and / or resources |
| Trend - Dev | velopement over the last 6 years |
| | Decreasing |
| × | Static |
| | Increasing |

4.13 Management and institutional factors

| Name | | Impact | | | Origin | | Trend |
|-------------|----------------------------------|--------|---|---|--------|---|---------------|
| 4.13.1 Man | agement system/Management plan | • | 9 | 9 | • | Œ | \rightarrow |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| × | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |

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| Manageme | nt response - Capacity of management to respond | | | | | | |
|-------------|---|----------|---|----|--------|----------|----------|
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| Name | Management | Impact | | -3 | Origin | | Trend |
| 4.13.2 Lega | l framework | O | 9 | 9 | • | ઉ | → |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| × | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| 4.13.3 Gove | ernance | • | 9 | 9 | • | (| → |
| | | | | | | | |

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Spatial scale - Area affected by the factor

Restricted

| | Localised | | | | | |
|-------------|---|----------|---|-----|--------|----------|
| × | Extensive | | | | | |
| | Widespread | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | |
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| | Frequent | | | | | |
| × | On-going | | | | | |
| Impact - Im | pact on the attributes | | | | | |
| | Insignificant | | | | | |
| | Minor | | | | | |
| × | Significant | | | | | |
| | Major | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | |
| × | High capacity | | | | | |
| | Medium capacity | | | | | |
| | Low capacity | | | | | |
| | No capacity and / or resources | | | | | |
| Trend - De | relopement over the last 6 years | | | | | |
| | Decreasing | | | | | |
| × | Static | | | | | |
| | Increasing | | | | | |
| | | | | | | |
| Name | | Impact | | -71 | Origin | Trend |
| 4.13.4 Wan | agement activities | O | 4 | 9 | • | → |
| | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | |
| | Restricted | | | | | |
| | Localised | | | | | |
| × | Extensive | | | | | |
| | Widespread | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | |
| | One off or rare | | | | | |
| | Intermittent or sporadic | | | | | |
| | Frequent | | | | | |
| × | On-going On-going | | | | | |
| Impact - Im | pact on the attributes | | | | | |
| | Insignificant | | | | | |
| | Minor | | | | | |
| × | Significant | | | | | |
| | Major | | | | | |
| | · | | | | | |

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| × | High capacity | | | | | | |
|-------------|---|----------|---|---|----------|----------|---------------|
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| Name | | Impact | | _ | Origin | | Trend |
| 4.13.5 Fina | ncial resources | O | 4 | 9 | (| G | → |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |
| × | Extensive | | | | | | |
| | Widespread | | | | | | |
| Temporal s | cale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - Dev | relopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| Name | | Impact | | | Origin | | Trend |
| 4.13.6 Hum | an resources | O | q | 9 | • | G | \rightarrow |
| | | | | | | | |
| Spatial sca | le - Area affected by the factor | | | | | | |
| | Restricted | | | | | | |
| | Localised | | | | | | |

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| × | Extensive | | | | | | |
|--|--|--------|---|----------|--------|---|---------|
| | Widespread | | | | | | |
| Temporal s | scale - Occurence of the impact | | | | | | |
| | One off or rare | | | | | | |
| | Intermittent or sporadic | | | | | | |
| | Frequent | | | | | | |
| × | On-going | | | | | | |
| Impact - Im | pact on the attributes | | | | | | |
| | Insignificant | | | | | | |
| | Minor | | | | | | |
| × | Significant | | | | | | |
| | Major | | | | | | |
| Manageme | nt response - Capacity of management to respond | | | | | | |
| × | High capacity | | | | | | |
| | Medium capacity | | | | | | |
| | Low capacity | | | | | | |
| | No capacity and / or resources | | | | | | |
| Trend - De | velopement over the last 6 years | | | | | | |
| | Decreasing | | | | | | |
| × | Static | | | | | | |
| | Increasing | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Name | | Impact | | ~ | Origin | | Trend |
| | impact research/monitoring activities | Impact | 9 | 9 | Origin | Œ | Trend ⇒ |
| | impact research/monitoring activities | | | 9 | | | |
| 4.13.7 Low | impact research/monitoring activities lle - Area affected by the factor | | | 9 | | | |
| 4.13.7 Low | | | | q | | | |
| 4.13.7 Low | lle - Area affected by the factor | | | q | | | |
| 4.13.7 Low | lle - Area affected by the factor Restricted | | | व | | | |
| 4.13.7 Low | lle - Area affected by the factor Restricted Localised | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive | | | व | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread scale - Occurence of the impact | | | ब | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact Intermittent or sporadic | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Cocurence of the impact One off or rare Intermittent or sporadic Frequent On-going | | | व | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Cone off or rare Intermittent or sporadic Frequent On-going Spact on the attributes | | | व | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going spact on the attributes Insignificant | | | q | | | |
| 4.13.7 Low Spatial sca | Restricted Localised Extensive Widespread Coale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Coale the attributes Insignificant Minor | | | q | | | |
| 4.13.7 Low Spatial sca X Temporal s | Restricted Localised Extensive Widespread Scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Spact on the attributes Insignificant Minor Significant | | | <i>ब</i> | | | |

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| | Medium capacity |
|------------|----------------------------------|
| | Low capacity |
| | No capacity and / or resources |
| Trend - De | velopement 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

Vibration generated by urban rail transit facilities has certain ongoing impact on rockeries of the Canglang Pavilion and potential impact on the Humble Administrator's Gardena and the Lion Forest Garden. Other impact factors, including commercial development, generally exist in all components of the property.

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 | The unique landscaping system that embodies the traditional Chinese culture and aesthetic accomplishments | × | | | |
| 4.18.1.2 | The unique gardening system embodied by its planning, designing and construction technologies, that follows the law of nature, makes use of local geographical conditions, and features refined construction | × | | | |
| 4.18.1.3 | Finest remnants of the wisdom and tradition of ancient Chinese intellectuals to harmonize with nature while cultivating their temperament. | × | | | |
| 4.18.1.4 | Reflecting the underlying philosophy, literature, art and craftsmanship shown in the architecture, gardening as well as the handicrafts from the East Yangtze Delta region in the 11th to 19th centuries | × | | | |
| 4.18.1.5 | Outstanding examples of the harmonious relationship achieved between traditional Chinese residences and artfully contrived nature, showcasing the life style, etiquette and customs of the East Yangtze Delta region in ancient times of China | × | | | |

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

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

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

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

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

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

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

The buffer zones of the World Heritage property are known and recognised by the management authority but are not known by local communities/landowners

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

The buffer zones have been identified before inscription and marked in the nomination dossier. But such information is not disclosed to local residents.

5.2. Protective Measures

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

The gardens are protected by a series of statutes, stemming from the Constitution of the PRC and including the The Law of People's Republic of China on Protection of Cultural Relics, Regulations on the Protection and Management of the Classical Gardens of Suzhou, the City Planning Law, the Environmental Protection Law, and the Penal Law. The Cultural Relics Protection Law operates through a number of sets of regulations, and these are reinforced by other regulations relating to fire prevention, prevention of noise pollution, etc.

Since 1982 Suzhou has been one of the designated Historical and Cultural Cities of the PRC. It has an urban master plan within which the gardens are placed in the highest category, requiring Class A protection; this includes the delineation of three levels of protection area around each: these amply comply with the requirements of the World Heritage Committee for buffer zones. There are special Regulations for the Preservation and Administration of the Classical Gardens of Suzhou, promulgated in 1996. The Canglang Pavilion, the Lion Forest Garden, and the Retreat and Reflection Garden have been protected cultural relics of the People's Government of Jiangsu Province since 1982, and the other two gardens making up this proposal for extension were added in 1995.

Suzhou is also a key city for environmental protection in China, and the control of environmental pollution is stringent, which benefits the classical gardens in particular. Complete protection is afforded by these measures to the gardens and to their immediate environs.

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Source: Periodic Reporting Cycle 2

Comment

The Lingering Garden and the Humble Administrator's Garden were announced as National Priority Protected Sites in 1961, the Master-of-Nets Garden in 1982, the Mountain Villa with Embracing Beauty in 1988, the Retreat & Reflection Garden and the Couple's Retreat in 2001, and the Lion Forest Garden, the Garden of Cultivation and the Canglang Pavilion in 2006.

- 5.2.2 Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category
- 5.2.3 Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

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

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

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

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

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

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

There is 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

Following requirements in the Operational Guidelines, several regulations have been formulated, including the Regulations for the Conservation and Management of Classical Gardens of Suzhou, Administrative Rules for Monitoring of the World Cultural Heritage Property "Classical Gardens of Suzhou", and the Conservation Plan for the World Cultural Heritage Property "Classical Gardens of Suzhou".

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

Daily monitoring is carried out. Repair and maintenance of buildings and rockeries conducted. Plants are trimmed and diseases and pests detected periodically. Water and soil tests are also launched regularly.

- 5.3. Management System/Management Plan
- 5.3.1 Please check the box which most closely match the character of the governance and management system of the property Public management system joint national/ local

If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

A management plan

An annual work plan or business plan

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

The property is managed by Suzhou Municipal Bureau of Forestry and Parks. The Bureau sets up administrative offices for all the component gardens of the party and the Heritage Property Monitoring Center. The Retreat & Reflection Garden is administrated by Tongli Township Government under professional governance of the Bureau.

- 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 policy for dealing with development proposals is fully based on the 2011 Recommendation on the Historic Urban Landscape

- 5.3.6 If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.
- 5.3.7 Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

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

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

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No related work ever carried out.

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

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

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

No related work ever carried out.

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 all of its activities are being implemented and monitored

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 | | | | | |

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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 Generally in a good state.

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

The well-structured management system with clear definition of mandates is put in place to ensure systematic and unified management.

6. Financial and Human Resources

6.1. Funding

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

| | | Project costs | Running costs |
|----------|--|---------------|---------------|
| 6.1.1.1 | Multilateral funding (GEF, World Bank, etc.) | 0 % | 0 % |
| 6.1.1.2 | Bilateral international funding | 0 % | 0 % |
| 6.1.1.3 | World Heritage Fund (International Assistance) | 0 % | 0 % |
| 6.1.1.4 | Contribution from other conventions and programmes | 0 % | 0 % |
| 6.1.1.5 | International donations (NGOs, foundations, etc.) | 0 % | 0 % |
| 6.1.1.6 | Governmental (national/federal) | 0 % | 0 % |
| 6.1.1.7 | Governmental (regional/provincial/state) | 0 % | 0 % |
| 6.1.1.8 | Governmental (local/municipal) | 4 % | 11 % |
| 6.1.1.9 | In-country donations (NGOs, foundations, etc.) | 0 % | 0 % |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.) | 96 % | 89 % |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 % | 0 % |
| 6.1.1.12 | Other | 0 % | 0 % |
| | | Total 100 % | Total 100 % |

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

No comments

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

Transparent and proper use of funds will be continued to ensure optimized allocation and use of resources.

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

| | | From local communities % | From elsewhere % |
|---------|-----|--------------------------|------------------|
| 6.1.6.1 | Men | 50 % | 50 % |

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| 6.1.6.2 | Women | 50 % | 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 | Fair |
| Community participation and inclusion | Fair |
| Risk preparedness | Fair |
| Capacity development and education | Fair |
| Administration | Fair |
| Research and monitoring | Fair |
| Awareness raising and public information/communication | Fair |
| Marketing and promotion | Fair |
| Interpretation | Fair |
| Visitor management/tourism | Fair |
| Enforcement (custodians, police) | Fair |

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

 $Training \ and \ capacity \ building \ at \ this \ property \ is \ \ \textbf{fully based} \ on \ the \ World \ Heritage \ Strategy \ for \ Capacity \ Building$

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

WHITRAP periodically organizes trainings on construction techniques for the conservation and restoration of ancient buildings. Exchanges with other World Heritage sites in China have been carried out. Staff members participate in conservation trainings organized by cultural heritage departments and other World Heritage properties.

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

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

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

Trainings on plant diseases and pests have been organized, technical professionals working in the sector of forestry and parks trained, and dependence on external technical and human resources reduced.

7. Scientific Studies and Research Projects

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

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

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

There is 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

Scientific research and research projects are not adequate due to restraints in professional, human and financial resources.

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

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

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

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

| Local communities | |
|---------------------------------|--|
| Local/municipal authorities | |
| Youth/children | |
| Local Visitors | |
| National/international tourists | |

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

| Visitor centre | Good |
|--------------------------------------|------|
| Site museum | Fair |
| Information booths | Good |
| Guided tours | Good |
| Trails/routes | Fair |
| Printed information materials | Good |
| Online (website, social media, etc.) | Good |

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| Transportation facilities | Good |
|--|------|
| Other | Fair |
| If 'Other' is selected, please specify | |

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

Educational outreaches for youngsters launched, volunteer groups set up, photo exhibitions and lectures presented, promotional events in communities and other heritage sites organized, in order to promote the dissemination of the property and its culture.

9. Visitor Management

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

16431113 / 15592467 / 15027700 / 13587500 / 13839500 /

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

Entry tickets and registries

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

One day (no overnight stay)

9.4 - Please provide the source of information

No accurate statistics. Only estimates in place.

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

9.6 - Please provide the source of information

Visitations to the property added up to 4.8604 million persons in 2020, with ticket income totaling 200.7731 million RMB yuan.

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

There is a planned and effective strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property

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

The Humble Administrator's Garden and the Lingering Garden exercise real-name booking to effectively control visitations, improve sightseeing experiences, and facilitate management.

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

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

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

Statistics of visitations is the major monitoring tool for visitor management. The UNESCO tourism management and monitoring tools are not fully adopted.

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

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

In many locations and easily visible to visitors

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

Fees are collected and make a substantial contribution to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Conventional practices are adopted for tourism operation and management and operation strategies and models may be adjusted according to market changes. But no general and long-term plans for sustainable tourism have ever put in place.

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

Yes

If 'Yes', please specify

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

As for visitation management, the Human Administrator's Garden and the Lingering Garden adopt real-name booking over different periods of time to effectively

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control visitations, facilitate management, and improve sightseeing experience.

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 | | | | X |
| 10.3.2 | Effectiveness of the management system | | | | X |
| 10.3.3 | Character of governance | | | | X |
| 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

1. Staff information. 2. Training and capacity building. 3. Conservation and management funds. 4. State of conservation of the property (diseases and pests, state of components). 4. Factors affecting the property (visitors and visitations). 5. Conservation works.

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

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

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

Implementation is underway

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

The cultural heritage department has conducted fully surveys of historic buildings and urban landscapes in the old city and established a corresponding conservation system. Textures of historical areas in the surrounding of the property have always been placed under strict protection and have remained unchanged.

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

Municipal construction activities, including subway and road construction and housing development, have increasingly indirect impact on the property. Due to numerous types and large amounts of monitored targets as well as huge costs of conservation and management, many technical issues relating to monitoring need further research and application of research results needs to be strengthened. Further talent training is needed to cover all technical aspects.

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

| 5.1 | Boundaries and Buffer Zones |
|-----|-----------------------------|
| | |

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| 5.1.4 | The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners | × |
|--------|---|---|
| 5.2 | Protective Measures | |
| 5.2.4 | An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | × |
| 5.2.5 | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | × |
| 5.3 | 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 | Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property | × |
| 5.3.17 | In a limited manner, the management system of the World Heritage property does provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants) In a limited manner, the management system of the World Heritage property does contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status In a limited manner, the management system of the World Heritage property does contribute to fostering inclusive local economic development, and to enhancing livelihood In a limited manner, the management system of the World Heritage property does contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property | × |
| 6.1 | Funding | |
| 6.1.12 | A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff | × |
| 9 | Visitor Management | |
| 9.12 | The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made | × |
| Pleas | se select 0 more issues. | |
| □ Ple | ease 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 | Transportat | Transportation Infrastructure | | | | | | | | | | |
|-------|--|--|---|--|---|--|---------------------|--|--|--|--|--|
| 4.2.1 | | Ground transport infrastructure | | | | | | | | | | |
| 4.2.2 | Underground transport infrastructure | and (iv); attributes affected: buildings and handicraft skills; rockeries, furniture, calligraphies and paintings | Construction of subway lines has caused certain impact on the safety of buildings and rockeries. Coordination and synergy with construction entities will be increased to reduce negative impact caused by subway line construction and operation. | Monitoring of the structural safety of buildings and rockeries strengthened | Monitoring of component sites has been strengthened from 2015 when Subway Line 4 was constructed and will be continued. | Suzhou Municipal Administration of Forestry and Parks and Suzhou Municipal Administration of Cultural Heritage are involved, but can only strengthen monitoring and keep communicating with construction entities. | No further comments | | | | | |
| 4.4 | Pollution | | | | | | | | | | | |
| 4.4.4 | Air pollution Criteria affected: (ii) and (vi); attributes affected: harmonization with nature Air pollution is a macro-level issue. The administrative body of the property is unable to take effective measures in this regard | | environment of the property and makes people feel | clear timetable to change the situation. ity's tion | Suzhou Municipal Administration of Environmental Protection oversees monitoring and control of air quality | No further comments | | | | | | |
| | | | | | | | | | | | | |

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| 4.7 | Local condit | ions affec | ting physical fabi | ric | | | | | | | | | |
|----------|---|--|--|--|--|--|--------------------|--|--|---|---------------------|---|---------------------|
| 4.7.2 | harmonization with nature | | humidity (vi); attributes affected: harmonization with | | Suzhou Munici Administration Environmental Protection ove monitoring and of air quality | of rsees | prote will o | city's environment ection department conduct daily nitoring of air qualit | | Ongoing monitoring | protect will cor | ty's environmental tion department nduct daily bring of air quality. | No further comments |
| 4.7.3 | Criteria affected: (ii) (iv) and (vi); attributes affected: buildings and handicraft skills; rockeries, furniture, calligraphies and paintings; harmonization with nature | | and (vi); attributes climate is beneficial to measures would bethe plant growth and be taken to address extreme cockeries, furniture, calligraphies and extreme heat and cold paintings; harmonization climate is beneficial to measures would be taken to address extreme cold. | | asures would taken to lress extreme | Regular monitoring of and response to temperature is in place. No other specific timetable. Suzhou Meteorological Bureau monitors temperature and announce monitoring results | | nonitors cure and | No further comments | | | | |
| 4.7.6 | | | Water (rain/water table) | | | | | | | | | | |
| 4.7.7 | | | Pests | | | | | | | | | | |
| 4.7.8 | | | Micro-organisms | | | | | | | | | | |
| 4.8 | Social/Cultu | ral uses of | f heritage | | | | | | | | | | |
| 4.8.4 | Changes in traditional ways of life and knowledge system | and (iv) affected handicra and cult | affected: (iii) ; attributes l: buildings and aft skills; wisdom ure of ancient e intellectuals | Change in tr style has din the use of th This is relev- criterion (iii) negative imp because crit reflects the I culture of an Chinese inte | ect impact or se property. ant to but has no pact on it, erion (iii) ife and scient | | No monitoring need | led | No timetable in place | Not r | relevant. | No further comments | |
| 4.8.6 | Impacts of tourism/Visitation/Recreation attributes affected: (iii) attributes affected: wisdom and culture of ancient Chinese intellectuals | | ed: and viewed: certain see proper online been a effective. | m developm sitations hav impact on ti tty. Real-time booking has adopted to vely ease on pressure. | re he e | Visitations are monitored and recorded daily. | | No timetable in place | Administra Forestry its subside componer responsible monitoring and form implement booking a | and Parks and diary offices for ent gardens are | No further comments | | |
| Question | not completed | | | | | | | | | | | | |

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

| 5.1 | Boundaries and Buffer Zor | Boundaries and Buffer Zones | | | | | | | | |
|-------|---|-----------------------------|-----------------------|---|--|--|--|--|--|--|
| | | Actions | Timeframe | Lead agency (and others involved) | More info / comment | | | | | |
| 5.1.4 | The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners | Currently no action taken | No timetable in place | Suzhou Municipal Administration of Natural Resources and Planning, Suzhou Municipal Administration of Forestry and Parks, Suzhou Municipal Administration of Culture, TV and Tourism | There are materials and maps on the demarcation of the buffer zones, but community residents have no access to them. | | | | | |
| 5.2 | Protective Measures | | | | | | | | | |

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| 5.2.4 | An adequate | Conservation wor | k conducted in the buffer | No tin | netable in place | Suzhoi | u Municipal Administration of | No comments |
|--------|---|---|---|--------|--------------------------|---|-------------------------------|----------------------|
| | legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation | Conservation work conducted in the buffer zones | | | , p. 1300 | Suzhou Municipal Administration of Natural Resources and Planning, Suzhou Municipal Administration of Forestry and Parks, Suzhou Municipal Administration of Culture, TV and Tourism | | |
| | An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property | underway. Laws a Conservation plan | al collaboration developed | No tin | netable in place | Suzhou Municipal Administration of Natural Resources and Planning, Suzhou Municipal Administration of Forestry and Parks, Suzhou Municipal Administration of Culture, TV and Tourism | | No further comments |
| 5.3 | Management S | System/Manageme | ent Plan | | | | | |
| 5.3.7 | | | No targeted measures taken | | No targeted timeta place | able in | Not relevant. | No further comments. |
| 5.3.9 | Some use has the Strategy for from Disasters Heritage Prope property | r Reducing Risks at World | None | | No timetable in pla | ace. | Not involved. | No further comments. |
| 5.3.17 | propert provide ecosys service to the l comme fresh a food, n plants) In a lim manne manage system World l propert contrib social and eq improv opport | or, the ement of the eleritage y does e e estem ass/benefits local unity (e.g. air, water, nedicinal) nited or, the ement of the eleritage y does bute to inclusion unity, ining unities for espective esex, | The property is in a good state conservation. | e of | No timetable in pla | ace. | Not involved. | No further comments. |

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| | ethnicity, religion or economic other state In a limiter manner, it manageme system of it World Heri property de contribute fostering inclusive l economic developme and to enhancing livelihood In a limiter manageme system of it world Heri property de contribute conflict prevention including respect fo cultural di within and around the World Her property | or us dispersion of the control of t | | | |
|--------|---|--|--------------------------------|--|----------------------|
| 6.1 | Funding | | | | |
| 6.1.12 | A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff | Suzhou Municipal Government, Suzhou Municipal Administration of Forestry and Parks and its subsidiary offices for component gardens have taken measures to train artisans specialized in traditional techniques for classical gardens. | No specific timetable in place | Suzhou Municipal Government, Suzhou Municipal Administration of Human Resources and Social Security, Suzhou Municipal Administration of Forestry and Parks | No further comments. |
| 9 | Visitor Management | | | | |
| 9.12 | | | olace | Suzhou Municipal Administration of Forestry and Parks, Suzhou Municipal Administration of Culture, TV and Tourism | No further comments. |

- 12.3. Conclusions on the State of Conservation of the Property
- 12.3.1 Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

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

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

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

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

Other important cultural and/or natural values are being **partially degraded** but the state of conservation of the World Heritage property has **not been significantly impacted**

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

Focusing on the key objectives to protect and transmit OUV, the property's administrative body has carried out solid work to protect and manage the property. Currently, the property is under a good state of conservation, with heritage values effectively protected and maintained, cultural heritage effectively presented, overall conservation and management conducted in a scientific way, and the property's authenticity and integrity maintained.

13. Impact of World Heritage Status

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

| Conservation | Positive |
|---|----------------|
| Research and monitoring | Positive |
| Management effectiveness | Positive |
| Quality of life for local communities and indigenous peoples | Positive |
| Recognition | Positive |
| Education | Positive |
| Infrastructure development | Positive |
| Funding for the property | Positive |
| International cooperation | Positive |
| Political support for conservation | Positive |
| Legal/Policy framework | Positive |
| Advocacy | Positive |
| Institutional coordination | Positive |
| Security | Positive |
| Gender equality | No impact |
| Provision of ecosystem services/ benefits to local communities | Positive |
| Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status | Positive |
| Fostering inclusive local economic development and enhancing livelihood | Positive |
| Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties | Positive |
| Other | Not applicable |
| If 'Other', please specify | |

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

All the World Heritage properties are valuable resources that need conservation, transmission and proper use. Management and publicity should be strengthened to enable more people to engage in heritage conservation.

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

The Cloud Database Management System of Heritage Elements of Classical Gardens of Suzhou. On the one hand, the cloud database system for the property's components uses information technology to record data on fixed assets, including size, material and storage locations. Meanwhile, assets are photographed from different perspectives. Such photos record the original state of the property and provide data support and photo references for restoration and modeling work. On the other hand, digital technology has been used to build the database which has a function to manage and develop statistics about asset information, enabling real-time check of serial numbers, names, types, specifications, material, photos, storage locations and gardens belonged to of each cultural object. It also allows combined searching of asset types and storage locations through screening. Furniture and furnishings of the nine component gardens have been photographed to present authentic and full records of assets with HD photos.

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

| Sustainable Development | |
|-------------------------|--|
| Synergies | |
| State of Conservation | |
| Management | |

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Governance
Capacity Building

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

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

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

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

15.2. Use of Data

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

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

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

Periodic Reporting is a regular global activity conducted pursuant to the World Heritage Convention and the Operational Guidelines and a necessary tool to examine the implementation of the Convention and effects of conservation and management by State Parties, the property's administrative body has carefully collected information and filled in the questionnaire, fully reviewed and summarized the work over recent years, which will provide references and guidance for future work.

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 |
|--|
| Staff from other World Heritage properties |
| UNESCO National Commission |
| Local communities |
| ICOMOS International |
| ICCROM International/regional |
| External experts |

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?

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

1440 / 2880 / 360 /

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

| | Additional resources | No | Yes |
|----------|----------------------|----|-----|
| 15.3.5.1 | Human resources | | × |

15.4. Format and content of the Periodic Report

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

Most required information was accessible.

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

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

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

No comments.

15.5. Training and Guidance

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

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

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

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

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

No

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

Online trainings can reach more participants and have limits in interaction. Exchanges between teachers and trainees are not adequate and explanation is not timely.

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

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

Geographic information table

Reason for update: Coordinates: The Humble Administrator's Garden 31.3263, 120.6248 The Lingering Garden 31.3173, 120.5884 The Master-of-Nets Garden 31.3002, 120.6294 The Mountain Villa with Embracing Beauty 31.3130, 120.6096 The Canglang Pavilion 31.2970, 120.6217 The Lion Forest Garden 31.3234, 120.6247 The Garden of Cultivation 31.3150, 120.6048 The Couple's Retreat 31.3184, 120.6341 The Retreat & Reflection Garden 31.1559, 120.7160

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

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

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

It is difficult to obtain information required for filling in the questionnaire. It is because there is a long span of time and also because it is involved with multiple departments and different heritage management systems. It is therefore suggested to set up an online reporting system and define different modules so that different properties can annually fill in the questionnaire based on different modules.

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

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