

# Giant's Causeway and Causeway Coast

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Giant's Causeway and Causeway Coast

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

| Name                                | Coordinates    | Property (ha)  | Buffer zone (ha) | Total (ha)     | Inscription year |
|-------------------------------------|----------------|----------------|------------------|----------------|------------------|
| Giant's Causeway and Causeway Coast | 55.25 / -6.485 | 239.405        | 0                | 239.405        | 1986             |
| <b>Total (ha)</b>                   |                | <b>239.405</b> | <b>0</b>         | <b>239.405</b> |                  |

### 1.4 - Map(s)

| Title  | Date | Link to source  |
|--|------|---|
| Giant's Causeway and Causeway Coast - Map of the inscribed property                    | 2005 |  |
| Giant's Causeway and Causeway Coast - map of the inscribed minor boundary modification | 2016 |  |

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

- [Giant's Causeway and Causeway Coast World Heritage Site](#)
- [www.discovernorthernireland.com](http://www.discovernorthernireland.com)
- [Causeway Coast and Glens Heritage Trust Website](#)

### Comment

<https://www.daera-ni.gov.uk/articles/giants-causeway-world-heritage-site> <https://www.nationaltrust.org.uk/visit/northern-ireland/giants-causeway>  
<https://www.facebook.com/GiantsCausewayNationalTrust/>

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

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

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

### 2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) 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?

No

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

No

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

Yes



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

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

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

Steering Group supports proposals for development of a UNESCO Global Geopark including the WHS and its Distinctive Landscape Setting. Some Steering Group members participate on a Geopark Working Group which pursues the feasibility of developing a Geopark application for the Causeway area. Steering Group members and Secretariat regularly interact with UK and Irish Geopark Forums.

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

No

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

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

Not aware

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

**3. Statement of Outstanding Universal Value**

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

**Statement of Outstanding Universal Value**

**Brief synthesis**

The Giant's Causeway and Causeway Coast is a spectacular area of global geological importance on the sea coast at the edge of the Antrim plateau in Northern Ireland. The most characteristic and unique feature of the site is the exposure of some 40,000 large, regularly shaped polygonal columns of basalt in perfect horizontal sections, forming a pavement. This dramatic sight has inspired legends of giants striding over the sea to Scotland. Celebrated in the arts and in science, it has been a visitor attraction for at least 300 years and has come to be regarded as a symbol for Northern Ireland.

The property's accessible array of curious geological exposures and polygonal columnar formations formed around 60 million years ago make it a 'classic locality' for the study of basaltic volcanism. The features of the Giant's Causeway and Causeway Coast site and in particular the strata exposed in the cliff faces, have been key to shaping the understanding of the sequences of activity in the Earth's geological history.

**Criterion (vii):** The cliff exposures of columnar and massive basalt at the edge of the Antrim Plateau present a spectacle of exceptional natural beauty. The extent of visible rock sections and the quality of the exposed columns in the cliff and on the Causeway combine to present an array of features of considerable significance.

**Criterion (viii):** The geological activity of the Tertiary era is clearly illustrated by the succession of the lava flows and interbasaltic beds which are in evidence on the Causeway Coast. Interpretation of the succession has allowed a detailed analysis of Tertiary events in the North Atlantic. The extremely regular columnar jointing of the Tholeiitic basalts is a spectacular feature which is displayed in exemplary fashion at the Giant's Causeway. The Causeway itself is a unique formation and a superlative horizontal section through columnar basalt lavas.

**Integrity**

Most of the 70 ha site is in the ownership and management of the National Trust. Access to the coast is by a system of footpaths which allow visitors the opportunity to view the coastal scenery from the cliff tops and also examine the geological features at close range. The path is generally unobtrusive, and monitored and maintained to keep it in a safe condition. The cliff exposures and causeway stones, key attributes of the property, are protected by ownership in perpetuity by The National Trust. The removal of 'souvenir' stones from the Causeway, which occurred before the area was protected, has long since ceased.

**Protection and management requirements**

The property has many layers of statutory and non-statutory protection. In addition to World Heritage status, most of the property is a National Nature Reserve and also forms part of the Giant's Causeway and Dunseverick Area of Special Scientific Interest. Almost all of the terrestrial area of the property (mainly its vegetated sea cliffs) has been designated as the North Antrim Coast Special Area of Conservation (SAC) under the Habitats Directive (Natura 2000). The designation of the Causeway Coast Area of Outstanding Natural Beauty (AONB), which covers an area of spectacular coastal scenery stretching over approximately 29 km, gives formal statutory recognition to the quality of the landscape.

The UK Government protects World Heritage properties and their surroundings under the spatial planning system through a hierarchy of regional and local policies and plans. Planning Policy Statements (PPSs) for Northern Ireland set out policies on land-use and other planning matters. Two PPSs specifically refer to World Heritage properties and SACs, noting that "development which would adversely affect such sites or the integrity of their settings will not be permitted unless there are exceptional circumstances."

The National Trust holds most of the land in inalienable ownership, with approximately 5% of the property remaining in private ownership. The Crown Estate is considered the legal owner of all lands between high and low water mark and has rights over the sea bed within territorial waters. A World Heritage Steering Group comprising relevant stakeholders provides the framework for implementation of the property's Management Plan, ensuring the conservation of the property as well as managing visitation, as the Causeway is Northern Ireland's most popular tourist attraction. A world-class visitor centre, aimed at improving both the visitor experience and ensuring the integration of the centre within the landscape in order to maintain the property's outstanding scenic beauty, has been built by the National Trust.

This management framework ensures delivery of the management requirements for the property and its Outstanding Universal Value, as well as the conservation requirements arising from all the various designations, with the delivery of a world-class experience of the property by its visitors.

The Giant's Causeway World Heritage Site Management Plan acknowledges the continuing effects of natural erosion which will gradually alter the cliff exposures. Path routes, and possibly even site boundaries, may need to be changed to accommodate the effects of this process. Changes in sea level or an increased frequency of storm events may also, in the future, affect the degree to which the causeway is accessible or visible. The need to continue to monitor the effects of climate change and erosion is recognised in the Management Plan and associated action plan.

Other threats requiring effective protection and management include direct damage to natural features within the property through human impact. This is addressed through legal control and management by the National Trust. Damage to the setting of the property through human impact resulting from inappropriate development or land use is addressed through legal and spatial planning control measures.

**Comment**

There are a number of factual updates to the Statement of Outstanding Universal Value that can be provided separately.

**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  | Cliff exposures: lava flows, interbasaltic beds, regular columnar jointing of tholeiitic basalts                         | ×         |             |                       |      |
| 3.2.2  | Causeway stones: lava flows, interbasaltic beds, regular columnar jointing of tholeiitic basalts                         | ×         |             |                       |      |
| 3.2.3  | Interpretation of the Site contributed greatly to understanding of the Paleogene Period and the history of earth science | ×         |             |                       |      |
| 3.2.4  |  |           |             |                       |      |
| 3.2.5  |  |           |             |                       |      |
| 3.2.6  |  |           |             |                       |      |
| 3.2.7  |  |           |             |                       |      |
| 3.2.8  |  |           |             |                       |      |
| 3.2.9  |  |           |             |                       |      |
| 3.2.10 |  |           |             |                       |      |
| 3.2.11 |  |           |             |                       |      |
| 3.2.12 |  |           |             |                       |      |
| 3.2.13 |  |           |             |                       |      |
| 3.2.14 |  |           |             |                       |      |
| 3.2.15 |  |           |             |                       |      |

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

Minor changes are required to the SOUV, beyond grammar and typing errors. These include changes to outdated terms, figures and policies. No major contextual change to the SOUV is expected however the SOUV would be more relevant if updated.

**4. Factors Affecting the Property**

**4.1. Buildings and Development**

**4.1.1 - Housing**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.1.2 - Commercial development

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Outside

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

|  | Impact                              |                                     | Origin |                                     | Trend of impact |        |                                     |
|--|-------------------------------------|-------------------------------------|--------|-------------------------------------|-----------------|--------|-------------------------------------|
| Impact                                       | Current                             | Potential                           | Inside | Outside                             | Decreasing      | Stable | Increasing                          |
| Positive                                     |                                     |                                     |        |                                     |                 |        |                                     |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |        | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |

#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Inside

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

|  | Impact                              |           | Origin                              |                                     | Trend of impact |                                     |            |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|-----------------|-------------------------------------|------------|
| Impact                                       | Current                             | Potential | Inside                              | Outside                             | Decreasing      | Stable                              | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 | <input checked="" type="checkbox"/> |            |
| 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

4.1.4 – Development in DLS (Buffer Zone) could impact negatively on the setting of WHS. Considered an increasing pressure in the area. 4.1.5 – Improves understanding, views of WHS features and interpretation of the WHS, an Attribute of the Site.

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

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

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

4.2.5 – Rural infrastructure leading to and within in the DLS (buffer zone) and high visitor numbers has resulted in congestion, poor road practice and temporary parking schemes. Some formal parking proposals have been drafted by landowners. Cumulatively this impacts on the landscape character of the area.

**4.3. Services Infrastructures**

**4.3.1 - Water infrastructure**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.3.2 - Renewable energy facilities**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

**4.3.3 - Non-renewable energy facilities**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.3.4 - Localised utilities**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.3.5 - Major linear utilities**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

4.3.2-Offshore renewable energy proposals exist in 20miles of WHS. Dept of Economy action plan presses for offshore+marine renewables generally. Could impact WHS/vicinity. Steering Group activity to have WHS recognised and excluded. Crown Estate operate buffer zone around WHS=site recognised/excluded.

**4.4. Pollution**

**4.4.1 - Pollution of marine waters**

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Outside

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

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

**4.4.2 - Ground water pollution**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.4.3 - Surface water pollution**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.4.4 - Air pollution**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.4.5 - Solid waste**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.4.6 - Input of excess energy**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

4.4.1 – Marine waste and pollution is a negative issue in the WHS waters. Steering Group activity of marine litter cleans to clean shore line ongoing for 4 years. Data indicates 2021 was worst year for marine litter in N.Ireland since recording started in 2012 (keepnorthernirelandbeautiful.org).

**4.5. Biological resource use/modification**

**4.5.1 - Fishing/collecting aquatic resources**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.2 - Aquaculture**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.3 - Land conversion**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.4 - Livestock farming/Grazing of domesticated animals**

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Inside

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

| Impact                                       | Impact                              |           | Origin                              |                                     | Trend of impact |        |                                     |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|-----------------|--------|-------------------------------------|
|  | Current                             | Potential | Inside                              | Outside                             | Decreasing      | Stable | Increasing                          |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |
| Negative                                     |                                     |           |                                     |                                     |                 |        |                                     |

**4.5.5 - Crop production**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.6 - Commercial wild plant collection**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.7 - Subsistence wild plant collection**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.8 - Commercial hunting**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.9 - Subsistence hunting**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.5.10 - Forestry/Wood production**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> 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**

4.5.4 – Livestock grazing occurs and managed within the WHS. Important practice to maintain ecosystem and landscape, balancing vegetation, supporting protected species; narrow-mouth whorl snail.

**4.6. Physical resource extraction**

**4.6.1 - Mining**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.6.2 - Quarrying**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.6.3 - Oil and gas**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

| Impact                                       | Impact  |                                     | Origin |                                     | Trend of impact |        |            |
|--|---------|-------------------------------------|--------|-------------------------------------|-----------------|--------|------------|
|  | Current | Potential                           | Inside | Outside                             | Decreasing      | Stable | Increasing |
| Positive                                     |         |                                     |        |                                     |                 |        |            |
| Negative <input checked="" type="checkbox"/> |         | <input checked="" type="checkbox"/> |        | <input checked="" type="checkbox"/> |                 |        |            |

**4.6.4 - Water (extraction)**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

4.6.3 - Petroleum exploration licence issued in 2011, it overlapped with WHS. The licence has expired, no exploration occurred in or near WHS. Steering Group activity to have WHS recognised and excluded from future licenses. Noted as a potential future negative impact for outside WHS; impacting views from the WHS, its setting and character.

**4.7. Local conditions affecting physical fabric**

**4.7.1 - Wind**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.7.2 - Relative humidity**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.7.3 - Temperature**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.7.4 - Radiation/Light**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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



**4.7.5 - Dust**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.7.7 - Pests**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.7.8 - Micro-organisms**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

4.8. Social/Cultural uses of heritage

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

Previous answer Cycle 2 (25/06/2013):

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

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

| Impact                                       | Impact                              |                                     | Origin                              |                                     | Trend of impact |        |            |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
|  | Current                             | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |

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

4.8.6–Visitor numbers higher than Cycle2, peaked at 1 mill/year. Covid-19 resulted in increase of domestic visitors, decrease of international visitors (2019-present). Overall increase in commercial activities and outdoor recreation. Positive impacts: tourism revenue vital for conservation communities. Increases knowledge of WHS as geological site (key attribute) and of World Heritage. Negative impacts: poor visitor behaviour, wear and tear on WHS infrastructure and features, traffic impacts.

4.9. Other human activities

**4.9.1 - Illegal activities**

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Outside

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

#### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

#### 4.9.3 - Military training

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.9.4 - War

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.9.5 - Terrorism

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

#### 4.9.6 - Civil unrest

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

4.9.2–Vandalism by visitors within WHS is negatively impacting a key attribute, Causeway Stones. Damage is being caused by visitors lodging coins in columnar joints. Practice happening in two small areas. Secretariat and Steering Group leading a project to understand extent, scientific impact of practice and take steps to address issue, remove coins and mitigate against practice.

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

##### 4.10.1 - Storms

Previous answer Cycle 2 (25/06/2013):

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

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

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

##### 4.10.2 - Flooding

Previous answer Cycle 2 (25/06/2013):

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

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

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

##### 4.10.3 - Drought

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.10.4 - Desertification**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.10.5 - Changes to oceanic waters**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.10.6 - Temperature change**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.10.7 - Other climate change impacts**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

| Impact                                       | Impact                              |                                     | Origin                              |         | Trend of impact |        |                                     |
|--|-------------------------------------|-------------------------------------|-------------------------------------|---------|-----------------|--------|-------------------------------------|
|  | Current                             | Potential                           | Inside                              | Outside | Decreasing      | Stable | Increasing                          |
| Positive                                     |                                     |                                     |                                     |         |                 |        |                                     |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |         |                 |        | <input checked="" type="checkbox"/> |

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

4.10.1—Storms important, welcomed, process at WHS. Increase could boost landslip/landslide rates beyond usual, decrease access and view of key features (cliff faces/geology). 4.10.2—Flooding occurs at WHS due to landscape. Increase is starting and likely to further decrease access. 4.10.7—Reduced access from changes in weather, increasing erosion likely. Changes to WHS ecology; marine and land. Might increase vegetation, covering key attributes/features.

**4.11. Sudden ecological or geological events**

**4.11.1 - Volcanic eruption**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.11.2 - Earthquake**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.11.3 - Tsunami/Tidal wave**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.11.4 - Avalanche/Landslide**

Previous answer Cycle 2 (25/06/2013):

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

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

| Impact                                       | Impact                              |                                     | Origin                              |                                     | Trend of impact |        |                                     |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------|--------|-------------------------------------|
|  | Current                             | Potential                           | Inside                              | Outside                             | Decreasing      | Stable | Increasing                          |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |
| Negative <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        | <input checked="" type="checkbox"/> |

**4.11.5 - Erosion and siltation/Deposition**

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside

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

| Impact                                       | Impact                              |                                     | Origin                              |         | Trend of impact |        |            |
|--|-------------------------------------|-------------------------------------|-------------------------------------|---------|-----------------|--------|------------|
|  | Current                             | Potential                           | Inside                              | Outside | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |         |                 |        |            |
| Negative                                     |                                     |                                     |                                     |         |                 |        |            |

**4.11.6 - Fire (wildfire)**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> 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**

4.11.4 – Landslides/Landslips are positive part of dynamic processes at WHS. Can reduce visitor access but managed by National Trust (site managers). Allows view of key attributes/features Potential negative from occurrence increase. Rangers document occurrence. AGEO project providing analysis. 4.11.12 – Erosion part of natural dynamic processes at WHS. Allows view of key attributes/features. Potential negative from occurrence increase. Could result in features being lost. Time scale long term

**4.12. Invasive/alien species or hyper-abundant species**

**4.12.1 - Translocated species**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.12.2 - Invasive/Alien terrestrial species**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.12.3 - Invasive/Alien freshwater species**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.12.4 - Invasive/Alien marine species**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.12.5 - Hyper-abundant species**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

**4.12.6 - Modified genetic material**

Previous answer Cycle 2 (25/06/2013):

- Not relevant

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

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

**4.13. Management and institutional factors**

**4.13.1 - Management system/Management plan**

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

|  | Impact                              |           | Origin                              |                                     | Trend of impact |        |            |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
| Impact                                       | Current                             | Potential | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |           |                                     |                                     |                 |        |            |

**4.13.2 - Legal framework**

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

|  | Impact                              |           | Origin                              |                                     | Trend of impact |        |            |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|-----------------|--------|------------|
| Impact                                       | Current                             | Potential | Inside                              | Outside                             | Decreasing      | Stable | Increasing |
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                 |        |            |
| Negative                                     |                                     |           |                                     |                                     |                 |        |            |

**4.13.3 - Governance**

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

|  | Impact | Origin | Trend of impact |
|--|--------|--------|-----------------|
|--|--------|--------|-----------------|

| Impact                                       | Current                             | Potential | Inside                              | Outside                             | Decreasing | Stable | Increasing |
|--|-------------------------------------|-----------|-------------------------------------|-------------------------------------|------------|--------|------------|
| Positive <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |            |        |            |
| Negative                                     |                                     |           |                                     |                                     |            |        |            |

#### 4.13.4 - Management activities

Previous answer Cycle 2 (25/06/2013):

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

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

#### 4.13.5 - Financial resources

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

#### 4.13.6 - Human resources

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

#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (25/06/2013):

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

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

#### 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (25/06/2013):

- Not relevant

|          |  |
|----------|--|
| Relevant | <input checked="" type="checkbox"/> 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

4.13.1-National Trust operate Management System+ 4.13.4 Management activities on most of terrestrial WHS. Steering Group support, operate additional Activities and WHS Management Plan. Together working to safeguard WHS. 4.13.2-Legal Framework mostly provided by robust planning system+mix of designations. 4.13.3-Governance in place 4.13.5-Financial+4.13.6 human resources hit by Covid-19. Provided by range of sources. 4.13.7-Research/monitoring via daily operations+projects, AGEO project.

#### 4.14. Other factor(s)

##### 4.14.1 - Other factor(s)

There is no UK policy/direct legal framework/legislation for managing/conserving WHSs. WHS Management Plans, including ours, are non-statutory. Statutory protections are granted via Planning Policy. Together this presents challenges in recognition, buy-in and activities to WHS management and protection.

#### 4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

| Name   | Impact | Origin | Trend |
|--|--------|--------|-------|
| <b>4.1 Buildings and Development</b>                                   |        |        |       |
| <b>4.1.4 Major visitor accommodation and associated infrastructure</b> |        |        |       |
| <b>4.1.5 Interpretative and visitation facilities</b>                  |        |        |       |

|  |   |   |   |   |   |   |  |
|--|---|---|---|---|---|---|--|
|  |   |   |   |   |   |   |  |
| <b>4.2 Transportation Infrastructure</b>                               |   |   |   |   |   |   |  |
| <b>4.2.5 Effects arising from use of transportation infrastructure</b> |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ | 🚩 |   |   | 🌐 | 📍 |  |
| <b>4.3 Services Infrastructures</b>                                    |   |   |   |   |   |   |  |
| <b>4.3.2 Renewable energy facilities</b>                               |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ |   | 🚩 |   | 🌐 | → |  |
| <b>4.4 Pollution</b>   |   |   |   |   |   |   |  |
| <b>4.4.1 Pollution of marine waters</b>                                |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
| <b>4.5 Biological resource use/modification</b>                        |   |   |   |   |   |   |  |
| <b>4.5.4 Livestock farming/Grazing of domesticated animals</b>         |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 | 🌐 | 📍 |  |
| <b>4.6 Physical resource extraction</b>                                |   |   |   |   |   |   |  |
| <b>4.6.3 Oil and gas</b>   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ |   | 🚩 |   | 🌐 | → |  |
| <b>4.8 Social/Cultural uses of heritage</b>                            |   |   |   |   |   |   |  |
| <b>4.8.6 Impacts of tourism/Visitation/Recreation</b>                  |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 | 🌐 | → |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
| <b>4.9 Other human activities</b>                                      |   |   |   |   |   |   |  |
| <b>4.9.2 Deliberate destruction of heritage</b>                        |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 |   | 📍 |  |
| <b>4.10 Climate change and severe weather events</b>                   |   |   |   |   |   |   |  |
| <b>4.10.1 Storms</b>   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
| <b>4.10.2 Flooding</b>   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
| <b>4.10.7 Other climate change impacts</b>                             |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 |   | 📍 |  |
| <b>4.11 Sudden ecological or geological events</b>                     |   |   |   |   |   |   |  |
| <b>4.11.4 Avalanche/Landslide</b>                                      |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
|  | ⊖ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |
| <b>4.11.5 Erosion and siltation/Deposition</b>                         |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 |   | → |  |
| <b>4.13 Management and institutional factors</b>                       |   |   |   |   |   |   |  |
| <b>4.13.1 Management system/Management plan</b>                        |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 | 🌐 | → |  |
| <b>4.13.2 Legal framework</b>  |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 | 🌐 | → |  |
| <b>4.13.3 Governance</b>   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 | 🌐 | → |  |
| <b>4.13.4 Management activities</b>                                    |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 | 🌐 | → |  |
| <b>4.13.5 Financial resources</b>                                      |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 |   | 📍 |  |
| <b>4.13.6 Human resources</b>  |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 |   | 🌐 |   | 📍 |  |
| <b>4.13.7 Low impact research/monitoring activities</b>                |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |  |
|  | ⊕ | 🚩 | 🚩 | 🌐 | 🌐 | 📍 |  |

|               |           |             |            |            |          |           |
|---------------|-----------|-------------|------------|------------|----------|-----------|
| <b>Legend</b> | 🚩 Current | 🚩 Potential | ⊖ Negative | ⊕ Positive | 🌐 Inside | 📍 Outside |
|---------------|-----------|-------------|------------|------------|----------|-----------|

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

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

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

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

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

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

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

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

| Name   | Impact |  |  | Origin |  | Trend |
|--|--------|--|--|--------|--|-------|
| 4.1.5 Interpretative and visitation facilities |        |  |  |        |  |       |
|  |        |  |  |        |  |       |

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

|                          |               |
|--------------------------|---------------|
| <input type="checkbox"/> | Insignificant |
|--------------------------|---------------|

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

## 4.2 Transportation Infrastructure

| Name  | Impact | Origin | Trend |
|---|--------|--------|-------|
| 4.2.5 Effects arising from use of transportation infrastructure |        |        |       |
|   |        |        |       |
|   |        |        |       |

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

## 4.3 Services Infrastructures

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



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




#### 4.4 Pollution

| Name                             | Impact | Origin | Trend |
|----------------------------------|--------|--------|-------|
| 4.4.1 Pollution of marine waters |        |        |       |
|                                  |        |        |       |
|                                  |        |        |       |

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

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

#### 4.5 Biological resource use/modification

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

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

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

##### Temporal scale - Occurrence of the impact

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

##### Impact - Impact on the attributes

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




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

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

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

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

#### 4.6 Physical resource extraction

| Name              | Impact  | Origin  | Trend   |
|-------------------|---|---|---|
| 4.6.3 Oil and gas |   |  |  |
|                   |   |   |   |

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

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

##### Temporal scale - Occurrence of the impact

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

#### 4.8 Social/Cultural uses of heritage

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

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





#### 4.9 Other human activities

| Name   |                                | Impact |  |  | Origin |  | Trend |
|--|--------------------------------|--------|--|--|--------|--|-------|
| 4.9.2 Deliberate destruction of heritage                       |                                |        |  |  |        |  |       |
|  |                                |        |  |  |        |  |       |
| <b>Spatial scale - Area affected by the factor</b>             |                                |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                            | Restricted                     |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Localised                      |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Extensive                      |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Widespread                     |        |  |  |        |  |       |
| <b>Temporal scale - Occurrence of the impact</b>               |                                |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | One off or rare                |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                            | Intermittent or sporadic       |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Frequent                       |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | On-going                       |        |  |  |        |  |       |
| <b>Impact - Impact on the attributes</b>                       |                                |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Insignificant                  |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Minor                          |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Significant                    |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                            | Major                          |        |  |  |        |  |       |
| <b>Management response - Capacity of management to respond</b> |                                |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | High capacity                  |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                            | Medium capacity                |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Low capacity                   |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | No capacity and / or resources |        |  |  |        |  |       |
| <b>Trend - Development over the last 6 years</b>               |                                |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Decreasing                     |        |  |  |        |  |       |
| <input type="checkbox"/>                                       | Static                         |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                            | Increasing                     |        |  |  |        |  |       |

#### 4.10 Climate change and severe weather events

| Name   |                          | Impact |  |  | Origin |  | Trend |
|--|--------------------------|--------|--|--|--------|--|-------|
| 4.10.1 Storms                                      |                          |        |  |  |        |  |       |
|  |                          |        |  |  |        |  |       |
| <b>Spatial scale - Area affected by the factor</b> |                          |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Restricted               |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Localised                |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Extensive                |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                | Widespread               |        |  |  |        |  |       |
| <b>Temporal scale - Occurrence of the impact</b>   |                          |        |  |  |        |  |       |
| <input type="checkbox"/>                           | One off or rare          |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Intermittent or sporadic |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Frequent                 |        |  |  |        |  |       |
| <input checked="" type="checkbox"/>                | On-going                 |        |  |  |        |  |       |
| <b>Impact - Impact on the attributes</b>           |                          |        |  |  |        |  |       |
| <input type="checkbox"/>                           | Insignificant            |        |  |  |        |  |       |

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

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



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

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

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

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



















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

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

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






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

#### 4.11 Sudden ecological or geological events

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

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

|   |            |
|---|------------|
|   | Static     |
| x | Increasing |

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

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

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

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

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



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

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

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

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

**4.13 Management and institutional factors**

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

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

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





**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

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

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

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






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

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

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

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



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

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

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





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

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

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

|  |            |
|--|------------|
|  | Increasing |
|--|------------|

| Name                       | Impact  | Origin  | Trend   |
|----------------------------|---|---|---|
| 4.13.5 Financial resources |   |  |  |
|                            |   |   |   |

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

- Restricted
- Localised
- Extensive
- Widespread

**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**





- Insignificant
- Minor
- Significant
- Major

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

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

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

- Decreasing
- Static
- Increasing

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

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

- Restricted
- Localised
- Extensive
- Widespread







**Temporal scale - Occurrence of the impact**

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

**Impact - Impact on the attributes**

- Insignificant
- Minor
- Significant
- Major

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

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

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

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

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

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

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

4.17. Serial inscriptions (national or transnational)

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

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

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

| Attribute   | Preserved                           | Compromised | Seriously compromised | Lost |
|---|-------------------------------------|-------------|-----------------------|------|
| 4.18.1.1 Cliff exposures: lava flows, interbasaltic beds, regular columnar jointing of tholeiitic basalts                         | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.2 Causeway stones: lava flows, interbasaltic beds, regular columnar jointing of tholeiitic basalts                         | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.3 Interpretation of the Site contributed greatly to understanding of the Paleogene Period and the history of earth science | <input checked="" type="checkbox"/> |             |                       |      |
| 4.18.1.4  |                                     |             |                       |      |

## 5. Protection and Management of the Property

### 5.1. Boundaries and Buffer Zones

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

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

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

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

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

The buffer zones **do not limit** the ability to maintain the property's Outstanding Universal Value but they could be improved

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

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

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

5.1.5 – The Distinctive Landscape Setting (DLS) operates as a de facto Buffer Zone at the WHS. THE DLS is recognised within Planning Policy. However recognition of the DLS/Buffer Zone could be improved. Clarity required over the relevance/importance of the DLS/Buffer one in this exercise. Specific work might be useful on key features of zone to monitor and provide protection for.

### 5.2. Protective Measures

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

Legislation relating with the NNR, SAC and ASSI designations applies

Source: Periodic Reporting Cycle 1

#### Comment

Please refer to the State Party's Section 1 questionnaire for a list of national legislation relevant to UK World Heritage Sites.

#### 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

2015 / Strategic Planning Policy Statement / Regulatory, planning policy / <https://www.infrastructure-ni.gov.uk/sites/default/files/publications/infrastructure/SPPS.pdf>

2016 / Northern Area Plan / Regulatory, planning policy / <https://www.causewaycoastandglens.gov.uk/live/planning/development-plan>

1999 / Planning Policy Statement 6: Planning Archaeology and Built Heritage / Regulatory, planning policy / [https://www.infrastructure-ni.gov.uk/sites/default/files/publications/infrastructure/PPS06%20Archaeology%20and%20Built%20Heritage\\_0.pdf](https://www.infrastructure-ni.gov.uk/sites/default/files/publications/infrastructure/PPS06%20Archaeology%20and%20Built%20Heritage_0.pdf)

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

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

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

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

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

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

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

There is **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

WHS +DLS Planning Policy are in Planning Policy Statement 6: Archaeology + Built Heritage + Northern Area Plan 2016. These protect WHS/setting from inappropriate development. Council, under Planning Act 2011, responsible for; Local Development Plan (Policies), Development Management (Decisions) + Enforcement. Dept for Infrastructure retains planning powers for regionally significant/called-in applications. Environmental designations recognised in planning. Monitored/enforced by DAERA.

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

### 5.3. Management System/Management Plan

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

Other

#### If 'Other', please specify

National Trust, an environmental NGO provide day-to-day management over the terrestrial part of the WHS. Crown Estate own the marine aspects of the WHS and have some management structures in place. A Steering Group made up of representatives including those above and others provide a WHS focus to management: supporting and supported by landowners, national, local and regional government and others. The Steering Group operates based on consensus.

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

A statutory Management Plan or zoning plan for the property.

Other forms of statutory or non-statutory plans (e.g. strategic plans)

|  |
|--|
| Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management                          |
| Mechanisms to promote equal participation among and within groups, including different levels of authority, local communities, indigenous people, women and men, and other specific groups |
| An integrated management plan combining World Heritage and any other designations  |
| A management plan  |
| An annual work plan or business plan   |
| A disaster, climate or conflict risk management plan   |
| A visitor/visitation management plan   |
| An environmental management framework  |
| An assessment of biological and cultural diversity and ecosystem services provided by the property   |
| A joint approach to management of cultural and natural heritage  |

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

Steering Group provides a participatory WHS management function. Representatives from community, non/governmental + private organisations + landowners. NIEA financially supports Secretariat, fulfilled by CCGHT via part-time role. Steering Group collaborates on WHS Management + Action Plan. Meets tri-annually. National Trust responsible for day to day management + operations of most of land WHS inc visitor facilities. Crown Estate own marine part, no formal day to day management in operation.

**5.3.4 - Management Documents**

| Title   | Status   | Available | Date | Link to source  |
|---|----------|-----------|------|---|
| Giant's Causeway and Causeway Coast World Heritage Site Management Plan   | N/A      | Available | 2005 |  |
| Giant's Causeway and Causeway Coast World Heritage Site Management Plan   | In Force | Available | 2005 |  |
| "Giant's Causeway and Causeway Coast World Heritage Site Management Plan Northern Ireland's only World Heritage Site 2013 - 2019" | N/A      | Available | 2013 |  |

**Comment**

Giant's Causeway and Causeway Coast World Heritage Site Management Plan 2021 - 2027: <https://ccght.org/wp-content/uploads/2021/07/WHS-Management-Plan-FINAL-compressed.pdf>  
 Giant's Causeway and Causeway Coast World Heritage Site Action Plan 2021 - 2023: <https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf>

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

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

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

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

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

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

MSc research by GSNI: Do UNESCO-designated sites have role to play in climate change adaptation within tourism sector in NI? •Assessment of potential impacts of climate change on WHS including economic, social, environmental threats •Assessment of existing measures to adapt to climate change + evaluation of adaptive capacity •Evaluation of responsibilities of WHS to climate change measures+assessment of value of WHS designation in contributing to reduction of vulnerability+increased resilience

**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**

As part of MSc research-impacts of climate change on the WHS. Identified heavy precipitation+waterlogging both triggers for landslides at WHS + precipitation changes + increasing storm intensity + frequency could = increased occurrences. Addressed through AGEO project, Geological Survey NI is partner. Aims to improve risk management associated with geological hazards. WHS is 1 of 5 pilots. Active monitoring to better understand dynamic processes associated with landslides, especially rockfalls

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

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

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

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

**5.3.13 - Is the management system being implemented?**

The management system is being fully implemented and monitored

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

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

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

|          |                   | Not applicable | No mechanisms for participation | Some participation | Direct participation | Transformative participation in all relevant decision processes |
|----------|-------------------|----------------|---------------------------------|--------------------|----------------------|---|
| 5.3.15.1 | Local communities |                |                                 | x                  |                      |   |
| 5.3.15.2 | Local authorities |                |                                 |                    | x                    |   |



|          |  |             |             |
|----------|--|-------------|-------------|
| 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)   | 100 %       | 0 %         |
| 6.1.1.8  | Governmental (local/municipal)   | 0 %         | 0 %         |
| 6.1.1.9  | In-country donations (NGOs, foundations, etc.)   | 0 %         | 0 %         |
| 6.1.1.10 | Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)              | 0 %         | 100 %       |
| 6.1.1.11 | Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.) | 0 %         | 0 %         |
| 6.1.1.12 | Other  | %           | 0 %         |
|          |  | Total 100 % | Total 100 % |

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

Government provides funding via NIEA funding for; part-time WHS projects manager role, a modest project budget and funding to develop Management and Action Plan. Equivalent to one full-time role when added together, provided to CCGHT.

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

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

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

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

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

Covid-19 resulted in a major reduction in budget for the National Trust to manage the WHS. Visitor facilities closed for an extended period and visitor numbers have not returned to pre-pandemic levels, therefore income is reduced. Impacts on staff levels, conservation activities and some projects are ongoing. Some funding is dependant on UK government budgets and so can fluctuate. Project funding tends to operate annually or on short term cycles, doesn't provide long term stability.

**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 %                     | 0 %              |
| 6.1.6.2 | Women | 50 %                     | 0 %              |
|         |       | Total 100 %              | Total 0 %        |

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

Human resources partly meet the management needs of the World Heritage property

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

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

|  |      |
|--|------|
| Conservation   | Fair |
| Environmental sustainability                           | Fair |
| Community participation and inclusion                  | 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) | Not applicable |

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

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

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

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

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

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

**7. Scientific Studies and Research Projects**

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

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

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

There is 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** with local communities and partners **but there is no active outreach** to national or international agencies

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

Sharing research results is currently adhoc. In 2022 WHS Steering Group established a Research Advisory Group to advise on research topics, provide expert advice, drive necessary research and boost dissemination of past, present and future research. Steering Group members National Trust, CCGHT, Geological Survey NI, Queen's University Belfast and others conduct research ranging from species specific conservation, monitoring of WHS features through to social and community focused research.

**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  | Poor           |
| Local/municipal authorities                              | Fair           |
| Indigenous peoples                                       | Not applicable |
| Landowners   | Poor           |
| Women  | Poor           |
| Youth/children   | Poor           |
| Researchers  | Fair           |
| Local visitors   | Poor           |
| National/international tourists                          | Fair           |
| Tourism industry   | Poor           |
| Local businesses and industries                          | Poor           |
| NGOs   | Poor           |
| 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 education and awareness programme for children and/or youth **but it only partly meets the needs**

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

|                                 |
|---------------------------------|
| Local communities               |
| Landowners                      |
| Youth/children                  |
| National/international tourists |
| Tourism industry                |

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

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

Activities via the WHS Management and Action Plan also work to raise awareness and understanding of the WHS and World Heritage.

### 9. Visitor Management

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

421713 / 106000 / 138500 / 998000 / 1039000 /

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

Entry tickets and registries

Visitor surveys

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

One to three hours

#### 9.4 - Please provide the source of information

9.1 - Northern Ireland Statistics and Research Agency. 9.3 - National Trust, via visitor planning and visitor management.

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

76 / 236 / 0 / 0 / 0 / 0 /

#### 9.6 - Please provide the source of information

<https://www.tourismni.com/globalassets/industry-insights/tourist-performance-statistics/jan---dec-2019/at-a-glance-jan-dec-2019-v3.pdf>

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

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

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

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

Visitor use of the World Heritage property is managed but improvements could be made

#### 9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

#### If a different system, please specify

National Trust operate visitor management and review protocols and effectiveness regularly, adapting as required.

#### 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

- Products/stock within visitor facilities often local suppliers. - National Trust have long engaged with independent local tour guides/providers to collaborate at the WHS -Beyond the WHS many shops, cafes + recreation activities are provided by local suppliers. -Initial efforts underway to establish a UNESCO Global Geopark to support sustainable tourism as one aspect of Geopark (North Antrim Geopark project). - Various training and support services in places for local businesses and initiatives.

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

Yes

#### If 'Yes', please specify

Tourism is worth 4.9%GDP for Northern Ireland. Tourism is an important local employment sector both at the WHS, immediate vicinity and the wider area.

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

While National Trust are day-to-day managers of the terrestrial parts of WHS the Site is open to visitors 24/7, therefore not all visitors are directly managed by National Trust. The WHS is relatively small, day visitors only, no overnight within WHS but accommodation adjacent. Visitors arriving by coach has grown significantly (pre-covid and remains post covid too), with up to 85 coaches per day pre-covid.

## 10. Monitoring

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

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

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

Information on the values of the World Heritage property is **adequate and key indicators have been defined but monitoring of the status of indicators could be improved**

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

|        | Extend of indicators                                     | Not applicable | No indicators | Indicators have been defined but are not yet in use | Indicators are in place and in use since the last Periodic Reporting cycle |
|--------|--|----------------|---------------|---|--|
| 10.3.1 | State of conservation                                    |                |               |   | 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 |                |               |   | x  |
| 10.3.5 | Contribution to sustainable development                  |                |               | x   |  |
| 10.3.6 | Capacity development                                     |                | x             |   |  |

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

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

|  |   |
|--|---|
| <b>World Heritage managers/coordinators and staff</b>          | Good  |
| <b>Local/municipal authorities</b>                             | Fair  |
| <b>Local communities</b>                                       | Fair  |
| <b>Indigenous peoples</b>                                      | Not applicable  |
| <b>Landowners</b>  | Fair  |
| <b>Women</b>   | Not applicable  |
| <b>Researchers</b>   | Fair  |
| <b>Tourism industry</b>  | Fair  |
| <b>Local businesses and industry</b>                           | Poor  |
| <b>NGOs</b>  | Good  |
| <b>Other specific groups</b>                                   | Good  |
| <b>If you selected 'Other specific groups', please specify</b> | Government Agencies (NI Environment Agency) who undertake various monitoring of environmental designations within and overlapping the WHS. Also complete State of Conservation Reports. |

### 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.

Decisions centre on; planning application issue in vicinity of WHS; a petroleum exploration license which overlapped WHS; minor boundary modification and implementation of IUCN Advisory Report Recommendations. In all cases State Party + relevant agencies have implemented or adopted Decisions (e.g. boundary change). IUCN mission recommendations were or continue to be implemented depending on nature of recommendation. State Party has supplied requested SOC reports to WHC providing more detail.

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

## 11. Identification of Priority Management Needs

### 11.1 - Identification of Priority Management Needs

|            |  |   |
|------------|--|---|
| <b>5.1</b> | <b>Boundaries and Buffer Zones</b>   |   |
| 5.1.2      | The boundaries of the World Heritage property <b>are known</b> by the management <b>authority but are not known</b> by local communities/landowners                          | x |
| 5.1.4      | The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b> |   |
| <b>5.2</b> | <b>Protective Measures</b>   |   |

|            |  |   |
|------------|--|---|
| 5.2.4      | An <b>adequate legal framework</b> in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b> | ✘ |
| <b>5.3</b> | <b>Management System/Management Plan</b>   |   |
| 5.3.5      | <b>No use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property   |   |
| 5.3.7      | <b>Some use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property   | ✘ |
| 5.3.9      | <b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property   |   |
| 5.3.11     | There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>  | ✘ |
| 5.3.12     | The management system/plan is <b>only partially adequate</b> to maintain the property's Outstanding Universal Value  | ✘ |
| 5.3.17     | <b>In a limited manner</b> , the management system of the World Heritage property does <b>contribute to gender equality</b>  |   |
| <b>6.1</b> | <b>Funding</b>   |   |
| 6.1.3      | The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property   |   |
| 6.1.7      | Human resources <b>partly meet</b> the management needs of the World Heritage property   |   |
| 6.1.10     | <b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property   |   |
| <b>7</b>   | <b>Scientific Studies and Research Projects</b>  |   |
| 7.3        | Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies  | ✘ |
| <b>8</b>   | <b>Education, Information and Awareness Building</b>   |   |
| 8.2        | There is a planned education and awareness programme for children and/or youth <b>but it only partly meets the needs</b>   |   |
| <b>9</b>   | <b>Visitor Management</b>  |   |
| 9.7        | There is <b>a strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>  | ✘ |
| 9.9        | Visitor use of the World Heritage property is managed but <b>improvements could be made</b>  | ✘ |
| 9.12       | The presentation and interpretation of the Outstanding Universal Value of the property <b>is acceptable but improvements could be made</b>   | ✘ |
| <b>10</b>  | <b>Monitoring</b>  |   |
| 10.2       | Information on the values of the World Heritage <b>property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved</b>  | ✘ |

Please select 0 more issues.

Please save this question to reflect changes

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

#### 12.1.1 - Summary - Factors affecting the Property

|              |   |  |   |  |   |  |   |
|--------------|---|--|---|--|---|--|---|
| <b>4.1</b>   | <b>Buildings and Development</b>                          |  |   |  |   |  |   |
| <b>4.1.4</b> | Major visitor accommodation and associated infrastructure | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones and Cliff exposures. | Steering Group and WHS Management and Action Plan includes activities to address negative impacts identified - see comments section. Steering Group ensure active involvement in any public consultations in the development of new Local Development Plans (local planning policy) or regional | Steering Group membership includes a Council Planning Officer who provides updates on planning applications and policy development within the vicinity of the WHS. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | Causeway Coast and Glens Borough Council, National Trust, DAERA NIEA et al (WHS Steering Group). | See current Giant's Causeway WHS Action Plan, Aim 1, Objective B: Support a healthy natural environment and uphold the landscape character, setting and sense of place<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |

policies.

| 4.2 Transportation Infrastructure |   |  |   |  |   |   |
|-----------------------------------|---|--|---|--|---|---|
| 4.2.5                             | Effects arising from use of transportation infrastructure | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones and Interpretation of the Site (understanding of the Paleogene Period and the history of earth science). | Steering Group and WHS Management and Action Plan includes activities to address negative impacts identified - see comments section.  | WHS Action Plan annual monitoring. NT Sustainability Study and other one off research projects.      | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | CCGHT, National Trust, Tourism NI et al (WHS Steering Group).<br><br>See current Giant's Causeway WHS Action Plan, Aim 4: Provide a safe, enjoyable and sustainable visitor experience that does not compromise the Outstanding Universal Value<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a>  |
| 4.3 Services Infrastructures      |   |  |   |  |   |   |
| 4.3.2                             | Renewable energy facilities                               | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones.   | Steering Group and WHS Management and Action Plan includes activities to address negative impacts identified - see comments section. Steering Group also actively engaging with a public consultation on new Renewable Energy Strategy for N.Ireland. | WHS Action Plan annual monitoring. Updates from Council Planning Officer at Steering Group meetings. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | CCGHT, National Trust, Tourism NI et al (WHS Steering Group) and additional partners listed in Action Plan<br><br>See current Giant's Causeway WHS Action Plan, Aim 1, Objective b) support a healthy natural environment and uphold the landscape character setting and sense of place for the Site<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
| 4.4 Pollution                     |   |  |   |  |   |   |
| 4.4.1                             | Pollution of marine waters                                | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones.   | CCGHT and others undertaking annual marine cleans at the Site. Steering Group and WHS Management and Action Plan includes activities to address negative impacts identified - see comments section.   | WHS Action Plan annual monitoring. DAERA Marine and Fisheries marine monitoring activities.          | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | CCGHT, National Trust, Council, DAERA Marine and Fisheries.<br><br>See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the Outstanding Universal Value of the WHS and its setting for present and future generations<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a>  |
| 4.6 Physical resource extraction  |   |  |   |  |   |   |

|       |             |  |  |                                    |   |   |  |
|-------|-------------|--|--|------------------------------------|---|---|--|
| 4.6.3 | Oil and gas | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones. | Steering Group activity to have the WHS excluded from petroleum exploration licencing included in WHS Action Plan. | WHS Action Plan annual monitoring. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | CCGHT, National Trust, Council, DAERA NIEA et al (WHS Steering Group) | See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the Outstanding Universal Value of the WHS and its setting for present and future generations- Action 1.30<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
|-------|-------------|--|--|------------------------------------|---|---|--|

**4.8 Social/Cultural uses of heritage**

|       |  |  |   |   |   |   |   |
|-------|--|--|---|---|---|---|---|
| 4.8.6 | Impacts of tourism/Visitation/Recreation | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Causeway Stones and Interpretation of the Site (understanding of the Paleogene Period and the history of earth science). | Site managers monitor and mitigate tourism impacts day to day. Steering Group and WHS Management and Action Plan includes activities to address negative impacts identified - see comments section. | NT staff daily on site observations. NT and DAERA staff site surveys. WHS Action Plan annual monitoring. NT Sustainability Study and other one off research projects. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | National Trust, CCGHT, DAERA NIEA, Tourism NI (WHS Steering Group) and WHS Research Advisory Group. And others listed in WHS Action Plan. | See current Giant's Causeway WHS Action Plan, Aim 4: Provide a safe, enjoyable and sustainable visitor experience that does not compromise the Outstanding Universal Value<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
|-------|--|--|---|---|---|---|---|

**4.9 Other human activities**

|       |                                    |  |  |   |  |   |   |
|-------|------------------------------------|--|--|---|--|---|---|
| 4.9.2 | Deliberate destruction of heritage | Criteria vii and viii. This factor impacts on the key attributes of the Site, in particular the Cliff Exposures and Causeway Stones. | Site staff attempt to mitigate impacts daily. WHS Action Plan includes activities to address this issue (see comments section) eg. project to research and address coin lodgements between stones by visitors at the site. | NT staff daily on site observations. NT and DAERA staff site surveys. WHS Action Plan annual monitoring. NT Sustainability Study and other one off research projects. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. Coin lodgement project 2023 to 2024. | CCGHT leading on coin lodgement project, National Trust, DAERA NIEA, GSNI (WHS Steering Group) and WHS Research Advisory Group (Queens University Belfast et al). | See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the OUV of the World Heritage Site and its setting for present and future generations<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
|-------|------------------------------------|--|--|---|--|---|---|

**4.10 Climate change and severe weather events**

|        |        |   |   |  |  |   |   |
|--------|--------|---|---|--|--|---|---|
| 4.10.1 | Storms | Criteria vii and viii. This factor impacts on the key attributes of the Site, the Cliff Exposures, Causeway Stones and Interpretation of the Site (understanding history of Earth Science). | Site managers and others undertaking monitoring and research to understand storm impacts eg. landslips, rock falls. WHS Management and Action Plan includes activities - see comments. GSNI | NT staff daily on site observations. NT and DAERA staff site surveys. WHS Action Plan annual monitoring. GSNI AGEO citizen recording app used by staff and visitors. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. GSNI AGEO project concluding 2023. | GSNI leading on AGEO project in N.Ireland. National Trust, DAERA NIEA, GSNI (WHS Steering Group) and WHS Research | See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the OUV of the World Heritage Site and its setting for present and future generations<br><a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
|--------|--------|---|---|--|--|---|---|

|        |                              |   |  |  |   |   |  |
|--------|------------------------------|---|--|--|---|---|--|
|        |                              |   | delivering AGEO project in N.Ireland - ageoatlantic.eu   |  |   | Advisory Group.   |  |
| 4.10.2 | Flooding                     | Criteria vii and viii. This factor impacts on the key attributes of the Site, the Cliff Exposures, Causeway Stones and Interpretation of the Site (understanding history of Earth Science). | Site managers and other agencies undertaking monitoring and research to understand impacts. WHS Management and Action Plan includes activities - see comments section. | NT staff daily on site observations. NT and DAERA staff site surveys. WHS Action Plan annual monitoring. GSNI AGEO citizen recording app used by staff and visitors. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | National Trust, DAERA, NIEA, GSNI (WHS Steering Group) and WHS Research Advisory Group (Queens University Belfast et al). | See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the OUV of the World Heritage Site and its setting for present and future generations <a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |
| 4.10.7 | Other climate change impacts | Criteria vii and viii. This factor impacts on the key attributes of the Site, the Cliff Exposures, Causeway Stones and Interpretation of the Site (understanding history of Earth Science). | Site managers and other agencies undertaking monitoring and research to understand impacts. WHS Management and Action Plan includes activities - see comments section. | NT staff daily on site observations. NT and DAERA staff site surveys. WHS Action Plan annual monitoring. GSNI AGEO citizen recording app used by staff and visitors. | Actions ongoing and monitoring is collated annually via WHS Action Plan reporting, co-ordinated by CCGHT. | National Trust, DAERA, NIEA, GSNI (WHS Steering Group) and WHS Research Advisory Group (Queens University Belfast et al). | See current Giant's Causeway WHS Action Plan, Aim 1: Safeguard the OUV of the World Heritage Site and its setting for present and future generations <a href="https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf">https://ccght.org/wp-content/uploads/2021/07/WHS-Action-Plan-FINAL-compressed.pdf</a> |

Summary - Factors affecting the Property **completed**

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

|       |  |  |   |   |   |
|-------|--|--|---|---|---|
| 5.1   | <b>Boundaries and Buffer Zones</b>   |  |   |   |   |
|       |  | <b>Actions</b>   | <b>Timeframe</b>  | <b>Lead agency (and others involved)</b>  | <b>More info / comment</b>  |
| 5.1.2 | The boundaries of the World Heritage property <b>are known</b> by the management <b>authority</b> <b>but are not known</b> by local communities/landowners   | - Interpretation shows boundary at WHS, info on relevant literature, online information across variety of organisations+maps available - CCGHT/others Events, comms, presentations with local community - WHS website hosted by CCGHT displays boundary  | Ongoing.  | Causeway Coast and Glens Heritage Trust National Trust NI Environment Agency Causeway Coast and Glens Borough Council | Efforts are ongoing and focused through the Management and Action Plan. |
| 5.2   | <b>Protective Measures</b>   |  |   |   |   |
| 5.2.4 | An <b>adequate legal framework</b> in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b> | - Steering Group includes rep+participation from Planning (Council) - Council Planning rep well briefed on WHS matters - Upcoming Local Development Plan accounting for WHS and DLS (Buffer Zone). - Review of DLS completed via Topic review Paper 2022 | Ongoing via Councils Planning work and participation on tri-annual Steering Group meetings. Local Development Plan timetable: - Adopt Plan Strategy 2024 - Adopt local policies Plan 2028 | Causeway Coast and Glens Borough Council, Planning. Steering Group Department for Infrastructure                      | N/A   |

|               |   |   |   |  |   |
|---------------|---|---|---|--|---|
| <b>5.3</b>    | <b>Management System/Management Plan</b>  |   |   |  |   |
| <b>5.3.7</b>  | Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property   | - Researching Climate Vulnerability Index format for relevance/applicability - Increasing + maintaining research via Research Advisory Group - Share/review National Trust Sustainability Study findings - New Action Plan 2024 will take forward actions | Ongoing: - Contact with Orkney WHS about Climate Vulnerability Index started 2022 - Research Advisory Group (formed 2022) meet tri-annually - NT Sustainability Study findings expected in 2023. - New Action Plan 2024 will take forward actions | Steering Group Causeway Coast and Glens Heritage Trust NI Environment Agency World Heritage UK DCMS  | A UK wide approach across WHSs is needed to support WHSs to understand, research, monitor and mitigate for Climate Change.  |
| <b>5.3.11</b> | There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>                             | - NI Government Agencies to meet, clarify role, remit and contact points -Steering Group to request clarity and contact points at NI, UK and beyond - JNCC and IUCN to be invited to connect with Steering Group  | 2023 - 2025. Actions included and ongoing in current WHS Action Plan. Will be included in new Action Plan 2024 and delivered following this.  | Causeway Coast and Glens Heritage Trust Steering Group NI Environment Agency Dept for Communities Dept for Infrastructure Dept for Economy DCMS JNCC IUCN WH Centre  | Mechanisms are in place and do work however there are nuances and some connections between organisations lack clarity.  |
| <b>5.3.12</b> | The management system/plan is <b>only partially adequate</b> to maintain the property's Outstanding Universal Value   | WHS is a natural dynamic site. Processes can not be controlled e.g. erosion rates, which erode Attributes (OUV). Processes are welcomed in the most part but cannot halt natural processes. UK lacking policy, need clear statutory policy and framework  | Management Plans are revised and developed on an approx 7 year cycle. Allowing for adaptation/inclusion to challenges. Steering Group is member of WH:UK calling for UK policy/legislation.   | Steering Group NI Environment Agency JNCC World Heritage UK  | While requirement to have a relevant Management and Action Plan is met the nature of the Site means it can only ever be partially adequate. Steering Group strong advocates for discussion on WHS policy/legislation within UK                          |
| <b>7</b>      | <b>Scientific Studies and Research Projects</b>   |   |   |  |   |
| <b>7.3</b>    | Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies                             | - Research Advisory Group (RAG) established and meet 3 x annually. - Identify and drive research. - Working to log and share research, building a repository. - Steering group seeking more connection with national/international agencies               | 2022 - onwards. As directed by current WHS Action Plan and will be included in new Action Plan 2024.  | Steering Group Research Advisory Group (Queen's University Belfast, Ulster University, Geological Survey NI, National Trust) Causeway Coast and Glens Heritage Trust | A variety of research includes or takes place at the WHS. This has been ad hoc with results often not shared. Research Advisory Group established 2022 to tackle this, formalise research request applications and build a research repository.         |
| <b>9</b>      | <b>Visitor Management</b>   |   |   |  |   |
| <b>9.7</b>    | There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b> | - Monitoring of visitor patterns+ behaviour ongoing by National Trust - Steering Group calling for infrastructure review of local area - Tourism agencies developing sustainability guidelines - Various agencies working to draw benefits from tourism   | A mix of timelines: - Steering Group requesting review now. - National Trust visitor management on going and reactive to emerging issues  | National Trust Dept. for Infrastructure Dept for Economy Tourism NI Steering Group   | Post Covid-19 visitor management at WHS has adapted. Inherent challenges managing up to million visitors travelling to WHS  |
| <b>9.9</b>    | Visitor use of the World Heritage property is managed but <b>improvements could be made</b>   | - Project to address coins lodged in stones for wish/luck underway. Will include visitor behaviour actions - National Trust continue visitor management and review/reactive actions taken when needed - Agencies continue litter/behaviour messaging      | - Coins in Stones project started 2022 - will continue to 2025 and beyond. - National Trust visitor management is ongoing. Reactive to challenges as required.  | Steering Group Causeway Coast and Glens Heritage Trust NI Environment Agency National Trust  | Visitor behaviour trends change, identifying/addressing negative behaviour ongoing by National Trust. WHS is open to public 24/7. Cannot be monitored or controlled, guidance is put forward to visitors. Rangers in place to manage and guide visitor  |
| <b>9.12</b>   | The presentation and interpretation of the Outstanding Universal Value of the property <b>is acceptable but improvements could be made</b>                                      | - WHS Communication Strategy in development, including OUV messaging to key audiences= agencies and public. - Continued promotion of existing WH + OUV messaging at WHS and via agencies online and in person material.                                   | - WHS Communication Strategy launching mid - 2023. Timetabled action following. - Ongoing comms actions via Action Plan. - Ongoing interpretation presentation at WHS visitor facilities. Refresh of information planned.                         | Causeway Coast and Glens Heritage Trust National Trust Steering Group  | Current WHS Action Plan set out activities to promote OUV and key messaging. New Comms Strategy will deliver on much of this. National Trust Visitor Facilities, main venue for visitors to discover info, info present. Update planned (Covid delayed) |
| <b>10</b>     | <b>Monitoring</b>   |   |   |  |   |

|      |  |  |                                       |  |   |
|------|--|--|---------------------------------------|--|---|
| 10.2 | Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved | - Steering Group to undertake review of key indicators, set definitions and schedule relevant monitoring. Status report on indicators to be developed. | Before next Periodic Reporting Cycle. | Steering Group Causeway Coast and Glens Heritage Trust NI Environment Agency | Variety of monitoring takes place at WHS by agencies (top = NIEA). Task to agree WHS indicators, with monitoring + updates scheduled. Resulting in reports showing status. Any work must improve management and will be adapted to suit WHS and needs |
|------|--|--|---------------------------------------|--|---|

Summary - Management Needs completed

### 12.3. Conclusions on the State of Conservation of the Property

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

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

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

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

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

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

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

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

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

### 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   | Very positive  |
| Education   | Positive       |
| Infrastructure development  | No impact      |
| Funding for the property  | Very positive  |
| International cooperation   | Positive       |
| Political support for conservation  | Positive       |
| Legal/Policy framework  | Positive       |
| Advocacy  | Positive       |
| Institutional coordination  | Positive       |
| Security  | Not applicable |
| Gender equality   | Not applicable |
| 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   | Not applicable |
| Other   | Not applicable |
| If 'Other', please specify  |                |

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

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

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

AGEO project is developing good practice in the identification and monitoring of geological hazards that are increasingly common at the Site as a result of climate change. Using a combination of satellite data and onsite monitoring with the help of National Trust staff, the project is helping to better protect and manage the Site to reduce the risk from geological hazards such as rockfalls. <https://ageoatlantic.eu/>

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



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

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

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

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

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   |
| Advocacy   |

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

15.3. Timing and resources

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

|  |
|--|
| Governmental institutions responsible for cultural and natural heritage                          |
| Site Manager/Coordinator World Heritage property staff   |
| Responsible persons for local designated sites under other international conventions/ programmes |
| Local communities  |
| Non-Governmental Organizations   |
| External experts   |

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

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

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

Yes

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

|                |
|----------------|
| 10 / 86 / 40 / |
|----------------|

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

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

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 |                |           | x    |           |
| 15.4.2.2 | Clarity of questions         |                | x         |      |           |

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

- 500 character limit in comment boxes - difficult to answer the question within this limit, hard to adhere to this limit and provide necessary information. - Clarity over what area some sections or questions cover; is it the WHS or is it the WHS and the buffer zone (Distinctive Landscape Setting in our case).

**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) | Not applicable |
| UNESCO National Commission           | No support     |
| ICOMOS International                 | Not applicable |
| IUCN International                   | No support     |
| ICCROM international/regional        | Not applicable |
| ICOMOS national/regional             | Not applicable |
| IUCN national/regional               | No support     |

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

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

**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?**

- Clarity over what areas were to be focused on for each section of question - WHS only or WHS and buffer zone.

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

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

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

Reason for update: There are a number of factual updates to the Statement of Outstanding Universal Value that can be provided separately.

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

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

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

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