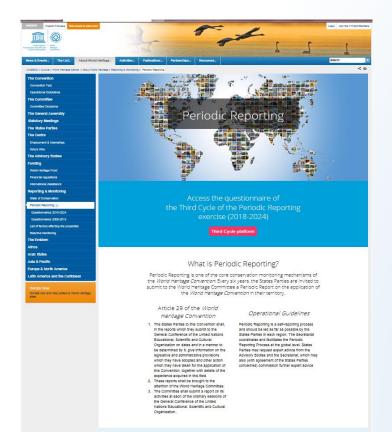
#### Periodic Reporting for the World Heritage Convention

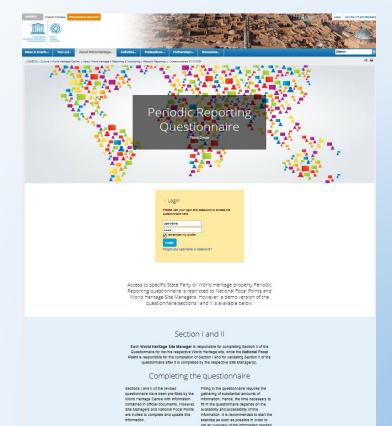
# The Periodic Reporting Questionnaire



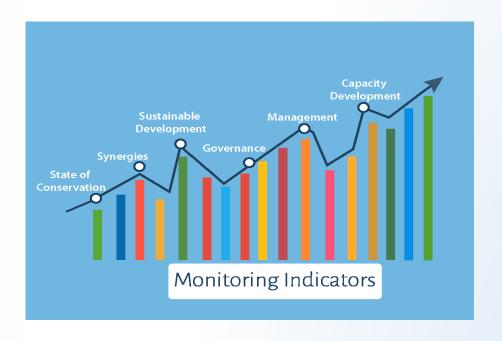
# **Overview of the Periodic Reporting Questionnaire**

#### Where to access the questionnaire?





# **Core themes of the Periodic Reporting Questionnaire**



- 1) State of Conservation
- 2) Synergies
- 3) Sustainable Development
- 4) Governance
- 5) Management
- 6) Capacity Development

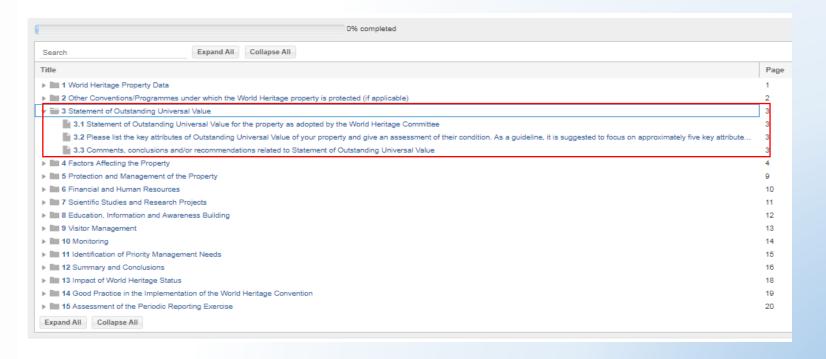
# Overview of the Periodic Reporting Questionnaire - Section II

- 1. World Heritage Property Data
- 2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)
- 3. Statement of Outstanding Universal Value
- 4. Factors Affecting the Property
- 5. Protection and Management of the Property
- 6. Financial and Human Resources
- 7. Scientific Studies and Research Projects
- 8. Education, Information and Awareness Building
- 9. Visitor Management
- 10. Monitoring

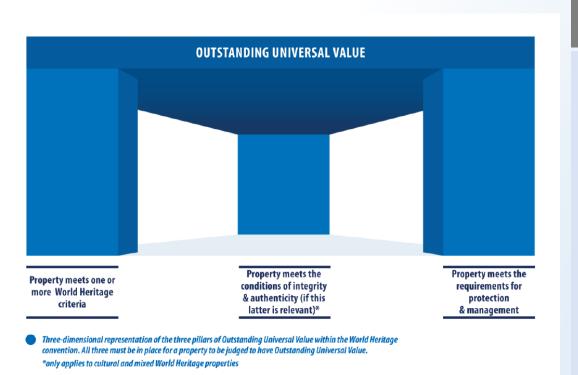
Section II

- 11. Identification of Priority Management Needs
- 12. Summary and Conclusions
- 13. Impact of World Heritage Status
- 14. Good Practice in the Implementation of the World Heritage Convention
- 15. Assessment of the Periodic Reporting Exercise

#### **Chapter 3: Statement of Outstanding Universal Value**



#### **Chapter 3: Statement of Outstanding Universal Value**





#### **Outstanding Universal Value**

Outstanding Universal Value is defined in the Operational
Guidelines for the Implementation of the World Heritage
Convention as the

"cultural and/or natural significance which is so exceptional as to transcend national boundaries and to be of common importance for present and future generations of all humanity. As such, the permanent protection of this heritage is of the highest importance to the international community as a whole".

(para. 49)

#### **Chapter 3: Statement of Outstanding Universal Value** – Identifying attributes

Question 3.2 | V | Guidance (9) | reset 🧐

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		0	0	0	0
3.2.2		0	0	0	0
3.2.3		0	0	0	0
3.2.4		0	0	0	0
3.2.5		0	0	0	0
3.2.6		0	0	0	0
3.2.7		0	0	0	0
3.2.8		0	0	0	0
3.2.9		0	0	0	0
3.2.10		0	0	0	0
3.2.11		0	0	0	0
3.2.12		0	0	0	0
3.2.13		0	0	0	0
3.2.14		0	0	0	0
3.2.15		0	0	0	0

#### Identification of attributes

Attributes, more commonly called features in the case of natural properties, are those elements, processes or features that convey and make manifest the Outstanding Universal Value (OUV) of a property, Identification and understanding of their interrelationships are crucial to understanding OUV and therefore to ensuring appropriate protection and management mechanisms. Attributes should be the focus of protection and management. It is therefore very important that they should be identified for Periodic Reports on World Heritage properties.

The World Heritage Committee adopts a Statement of Outstanding Universal Value (SOUV) for each property either at the time of inscription on the World Heritage List or retrospectively for older properties. The Statement is the baseline for future management and encapsulates the attributes of OUV.

In each SOUV, a balance is sought between specificity and synthesis. Further detailed identification of the attributes of each property, covering the elements of which they are composed, their distribution within the property and their relationship with the immediate or wider setting, is key to solidly grounded and effective protection and management: the lack of a clear and detailed understanding of the attributes may undermine management efforts and cause serious difficulties to the recovery process in case of disasters.

Attributes can be physical qualities or fabric, or the relationships between them. Attributes can also be processes impacting on physical qualities, such as natural or agricultural processes, social arrangements or cultural practices that have shaped distinctive landscapes. For natural properties, they can include landscape features, habitats, aspects of environmental quality (such as intactness, high/pristine environmental quality), scale and naturalness of habitats, and size and viability of wilding populations.

A useful technique for complex properties, in particular cultural ones, with a complex layering of attributes, is to map the important attributes and the values they convey. This mapping can assist with understanding the relationship between attributes, it can also highlight conflicts or management issues.

The point of departure for such a detailed analysis is always the SOUV, particularly the brief synthesis, the justification of the criteria and the statements of authenticity (for cultural and mixed properties only) and integrity. The first step is to extrapolate from the SOUV references to qualities, features, and characteristics that support the case for OUV and the criteria used for the property. In identifying attributes, it is possible to be more detailed than in the SOUV.

For cultural properties, integrity determines how well, in terms of completeness and intectness (including relationships, dynamic functions and processes), the attributes convey the OUV, while authenticity indic ates through which attributes and sources of information OUV is truthfully and credibly expressed.

A suggested second step in further detailing the attributes includes analysing what makes up the attributes mentioned in the SOUV, listing these elements as well as mapping their location and density within the property.

Establishing a hierarchy among attributes, that is to say identifying which ones are crucial to convey the OUV and which ones may be considered complementary, could be a useful exercise for the prioritisation of management activities.

#### **Chapter 3: Statement of Outstanding Universal Value** – Identifying attributes

#### Attributes

According to the Resource Manual 'Preparing World Heritage Nominations', "Attributes are aspects of a property which are associated with or express the Outstanding Universal Value. Attributes can be tangible or intangible. The Operational Guidelines indicate a range of types of attribute which might convey Outstanding Universal Value, including:

- form and design;
- materials and substance;
- use and function;
- traditions, techniques and management systems;
- location and setting;
- . language, and other forms of intangible heritage; and
- spirit and feeling (Paragraph 82).

This list is for guidance. It is essential that the attributes identified for a property should flow from the Statement of Outstanding Universal Value and the justification for the criteria. Attributes must be identified as they are vital to understanding authenticity and integrity, and are the focus of protection, conservation and management.

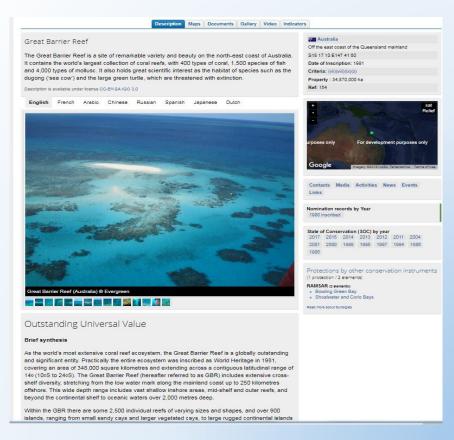
For natural properties, it is more common to speak of 'features', although the word attributes is sometimes used. Examples of attributes for natural properties could include:

- visual or aesthetic significance;
- scale of the extent of physical features or natural habitats;
- intactness of physical or ecological processes;
- naturalness, and intactness of natural systems;
- viability;
- rarity".

Source(s): The World Heritage Resource Manual Preparing World Heritage Nominations (2nd edition, UNESCO 2011)

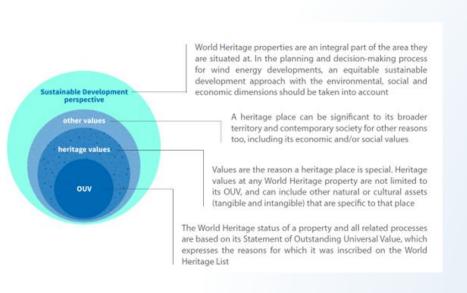
#### **Chapter 3: Statement of Outstanding Universal Value** – Identifying attributes

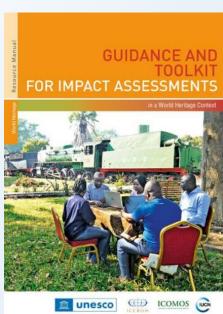
Identify attributes on the basis of the Statement of Outstanding Universal Value adopted by the World Heritage Committee at the time of inscription

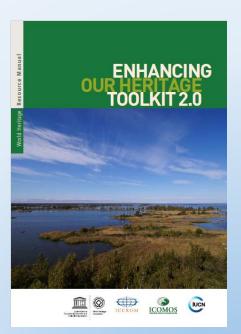


#### **Chapter 3: Statement of Outstanding Universal Value** – Identifying attributes

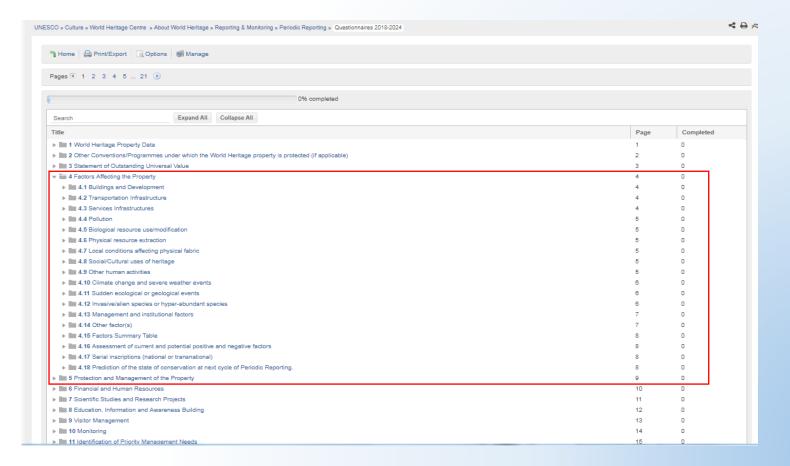
### Tools for identifying attributes







#### **Chapter 4: Factors Affecting the Property**



#### **Chapter 4: Factors Affecting the Property**

#### 4. Factors Affecting the Property

Chapter 4 gathers information on the range of factors that are currently affecting or have strong potential to affect the property, both positively and negatively.

This chapter provides you with a generic list which has been developed to identify factors that could affect any type of World Heritage property. The factors are grouped into 13 headings, which are then briefly explained. Beneath each heading a list of factors appears

The set of factors is parallel to the set of threats in the World Heritage State of Conservation database (http://whc.unesco.org/en/factors/).

The first stage in the assessment is to click the box below each factor to indicate if this factor is relevant or not relevant to the property. If a factor was reported as causing an impact in the last Periodic Report, then you will automatically be asked to consider that factor in this cycle. Please note that this assessment is about both **positive** and **negative** factors.

If the factor is not relevant, then move on to the next factor; if the factor is relevant then a second line of assessment questions will appear.

This assessment will ask you about the impact and origin of the factor. If your property is a national or transnational serial site, then you will have the option of identifying which component(s) is/are affected by a particular factor in your answers to questions 4.15/4.16.

You will be asked to identify whether the impact of the factor is positive and/or negative; whether it is current and/or potential and whether the origin of the factor is inside and/or outside of the property. You will also be asked to specify whether the factor is having a decreasing, stable or increasing impact.

At the end of the list of factors there is an opportunity (question 4.14) to add any additional factors which affect the property but which have not been covered in 4.1 to 4.13.



Factors affecting the property

**Factors** affecting the property might have positive or negative impacts while **threats** only refer to negative factors

#### **Chapter 4: Factors Affecting the Property**

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At the end of the list of factors there is an opportunity (question 4.14) to add any additional factors which affect the property but which have not been covered in 4.1 to 4.13.



If your property has been the subject of a State of conservation report to the World Heritage Committee, within the framework of the Reactive Monitoring process, **this link** will open up the relevant entry in the **World Heritage Centre's Information** System on the State of Conservation of **World Heritage properties.** This will provide you with a reminder of the factors which have affected your property in the past sufficiently seriously for it to be referred to the World Heritage Committee. The database uses the same classification of factors as that used in Periodic Reporting. Please note that you will be asked later about follow-up to decisions of the World Heritage Committee.

**Chapter 4: Factors Affecting the Property** 

# Reactive Monitoring and state of conservation



**Chapter 4: Factors Affecting the Property** 



https://whc.unesco.org/en/soc/

#### **Chapter 4: Factors Affecting the Property**



List of Factors equivalent to threats/factors on the State of Conservation database https://whc.unesco.org/en/soc/



**Chapter 4: Factors Affecting the Property** 

# **Ancient and Primeval Beech Forests of the Carpathians and Other Regions of Europe**

Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czechia, France, Germany, Italy, North Macedonia, Poland, Romania, Slovakia, Slovenia, Spain, Switzerland, Ukraine

#### Factors affecting the property in 2021\*

- · Commercial hunting
- Forestry /wood production
- Legal framework
- Management systems/ management plan

#### Factors\* affecting the property identified in previous reports

- Management systems/ management plan (lack of integrated Management Plan, lack of legal protection from logging, and inadequate management of logging in the Slovak part of the property)
- · Inappropriate boundary configuration of some parts of the property
- Management and institutional factors (lack of transnational research and monitoring plans, need for capacity building)
- · Forestry / wood production

#### **Chapter 4: Factors Affecting the Property**

#### **Buildings and Development**

#### Housing

For example:

- Urban high rise/urban sprawl
- · Encroachment/changes to skyline etc.

#### **Commercial development**

For example:

- Skyscrapers
- Large shopping malls
- · Encroachment/changes to skyline etc.

#### Industrial areas

For example:

- Individual factories
- Industrial areas/parks
- · Encroachment/changes to skyline etc.

# Major visitor accommodation and associated infrastructure

#### For example:

- Major accommodation and associated infrastructure (hotels, restaurants, golf courses, ski resorts, etc.)
- Major/permanent high cost tourism facilities (pontoons, jetties, observatories, cable cars, chalets, fully serviced camping areas, etc.)

#### Interpretative and visitation facilities

For example:

- Visitor interpretive facilities (visitor centre, site museum, etc.)
- Signage etc.
- Trail hardening, (trail markers etc.)
- Information booths etc.
- Minor picnic facilities
- Minor camping areas
- · Moorings/marker buoys

#### **Chapter 4: Factors Affecting the Property**

### <u>Transportation Infrastructure</u>

#### **Ground transport infrastructure**

For example:

- Roads
- Car parks
- Railways, including easements
- Transport depots

#### Air transport infrastructure

For example:

- Airports
- Airstrips

#### Marine transport infrastructure

For example:

Harbour & port facilities

# Effects arising from use of transportation infrastructure

For example:

- · Effects of vehicle traffic on roadways
- Effects of shipping traffic in shipping routes
- Effects of air traffic

Underground transport infrastructure

#### **Chapter 4: Factors Affecting the Property**

#### <u>Utilities or Service Infrastructure</u>

Developments in relation to infrastructure for energy utilities (i.e. gas, electricity and water) and other service requirements

#### Water infrastructure

For example:

- Dams
- Locks
- Weirs
- Water tanks
- Pumping stations
- · Introduction of new systems/ infrastructure

#### Renewable energy facilities

For example:

- Thermal
- Wave
- Solar
- Wind

#### Non-renewable energy facilities

For example:

- Nuclear power plants
- · Coal power plants
- · Oil/gas facilities

#### Localised utilities

For example:

- Incinerators
- · Cell phone towers
- Sewerage works
- Microwave/TV/radio towers

#### **Major linear utilities**

For example:

- Power lines/easements
- Pipelines etc.
- Channels

**Chapter 4: Factors Affecting the Property** 

#### Management and institutional factors

Management System/Management Plan

Legal framework

Low impact research/monitoring activities

For example:

- Visitor surveys
- Water sampling
- Non-extractive surveys
- In-situ surveys

#### Governance

High impact research/monitoring activities

For example:

- Sampling using destructive techniques
- Research involving removal of features or species (i.e. extraction)

**Management activities** 

Financial resources

**Human resources** 

#### **Chapter 4: Factors Affecting the Property**

#### Climate change and severe weather events

#### Storms

#### For example:

- Tornadoes
- Hurricanes/cyclones
- Gales
- · Hail damage
- Lightning strikes
- River/stream overflows
- Extreme tides

#### Flooding

#### **Drought**

#### Desertification

#### Changes to oceanic waters

#### For example:

- Changes to water flow and circulation patterns at local, regional or global scale
- · Changes to pH
- · Changes to temperature

#### Temperature change

#### Other climate change impacts

#### **Chapter 4: Factors Affecting the Property**

# Physical resource extraction

#### Physical resource extraction

If illegal see "Other human activities"

#### Mining

#### Quarrying

For example:

- Rock
- Sand
- Aggregates

# Oil and gas

Water extraction

#### **Chapter 4: Factors Affecting the Property**

### Local conditions affecting physical fabric

Environmental or biological factors that promote or contribute to deterioration processes of the fabric of heritage sites. Since effects of decay cannot be attributed to a single factor, consider all elements. Use "Air pollution" for air pollution.

Use "Climate change and severe weather events" for severe weather, including flooding.

For tourism activities "Impacts of tourism/visitor/recreation".

#### Wind

For example:

- Erosion
- Vibration

**Relative humidity** 

**Temperature** 

Radiation/light

Dust

Water (Rain/Water table)

**Pests** 

Micro-organisms

#### **Chapter 4: Factors Affecting the Property**

# Sudden ecological or geological events

**Volcanic eruption** 

Earthquake

Tsunami/tidal wave

Avalanche / landslide

**Erosion and siltation/deposition** 

Fire (wildfires)

For example:

- Altered fire regimes
- High impact fire suppression activities
- Lightning strikes

For human-induced fires, see "Other threats" below

#### **Chapter 4: Factors Affecting the Property**

#### **Pollution**

All types of pollution (residential or commercial) as well as garbage, solid waste.

#### Pollution of marine waters

For example:

- · Ocean dumping
- · Bilge water discharge
- · Solid debris in marine environments

#### **Ground water pollution**

For example:

- Oil/chemical spills
- · Industrial effluent
- Agricultural runoff
- · Household sewage/waste
- · Acid sulphate soils
- · Effluent discharge
- Mine/tailings runoff

#### Surface water pollution

For example:

- Acid rain
- · Mine/tailings runoff
- · Agricultural runoff

#### Air pollution

For example:

- Excessive smoke or other airborne particulates
- Dust
- Local effects of emissions from use of fossil fuels

#### Solid waste

For example:

- · Mine tailings
- Litter
- Industrial waste
- Household rubbish

#### Input of excess energy

For example:

 Any inputs of heat and light that disturb ecosystems including inappropriate urban lighting, heat pollution, etc.

#### **Chapter 4: Factors Affecting the Property**

# Invasive/alien species or hyper-abundant species

#### **Translocated species**

For example:

- · Fish stocking
- · Inappropriate plantings
- · Introduced soil etc.
- · Dieback due to pathogens

#### Invasive/alien terrestrial species

For example:

- Weed
- Feral animal
- Rodent
- · Insect pest
- · Bird pest
- Disease/parasite
- Micro-organism

#### Invasive / alien freshwater species

For example:

- Weeds
- · Invertebrate pests
- · Fish pests
- Diseases/parasites
- · Micro-organisms

#### Invasive/alien marine species

For example:

- Weeds
- · Invertebrate pests
- · Fish pests
- · Diseases/parasites
- Micro-organisms

### **Hyper-abundant species**

Naturally occurring species impacting ecosystem by virtue of ecological imbalance

#### Modified genetic material

#### **Chapter 4: Factors Affecting the Property**

#### Biological resource use/modification

The collecting/harvesting of wild plants and animals (forestry, fishing, hunting and gathering) and harvesting domesticated species (silviculture, agriculture and aquaculture)

#### Fishing/collecting aquatic resources

For example:

- Trawling
- Netting
- Line fishing
- · Game fishing
- · Collection/harvest fisheries
- Spearfishing
- · By-catch/incidental take issues

#### Aquaculture

For example:

- Marine
- · Freshwater aquaculture

#### **Land conversion**

For example:

- · Agriculture (crops and livestock)
- Rural
- Forestry

# Livestock farming/grazing of domesticated animals

For example:

· Grazing on farms or by pastoral groups

#### **Crop production**

For example:

- · Deep ploughing
- · New crops
- · Intensification of planted agriculture
- Traditional crops
- Traditional systems
- Gardening

#### **Commercial wild plant collection**

For example:

- · Pharmaceutical trade
- · Medicinal plants
- · Fodder collection
- Thatching
- Mushrooms
- Bulbs etc.

#### Subsistence wild plant collection

Use this question for Indigenous subsistence hunting, gathering and collecting, i.e. not for economic benefit, for example:

- · Food plants
- · Medicinal plants
- Fodder collection
- Thatching
- Mushrooms
- Bulbs etc.

#### **Commercial hunting**

For example:

- · Bush meat trade
- Organised game hunting

#### Subsistence hunting

Subsistence, i.e. not for economic benefit, hunting. Use "Indigenous hunting, gathering and collecting" to indicate factors relating specifically to Indigenous hunting, gathering and collecting

#### Forestry /wood production

For example:

- Logging
- Pulp production
- All silvicultural operations
- Restoration/regeneration
- · Sustainable wood harvesting

#### **Chapter 4: Factors Affecting the Property**

### Social/cultural uses of heritage

Social factors that contribute to deterioration processes of the fabric of heritage sites. Some uses might have a positive impact as they enhance certain values (e.g. ritual, religious) while others might compromise ascribed values and could lead to the deterioration of the heritage site.

Use "Major visitor accommodation and associated infrastructure" and "Interpretative and visitation facilities" for impacts of tourism infrastructure and tourism activities in "Impacts of tourism/visitor/recreation".

#### Ritual/spiritual/religious and associative uses

For example:

- · Ritual/spiritual/religious uses and associations
- Festivals/performances

#### Society's valuing of heritage

For example:

- Changes in values leading to new uses of heritage resources
- Expansions of / additions to current uses of heritage resources
- Conflicting values
- Abandonment

#### Indigenous hunting, gathering and collecting

# Changes in traditional ways of life and knowledge system

For example:

 Loss of traditional knowledge and practices linked to heritage

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

For example:

- · Changes to identity and social cohesion
- · Changes in livelihoods
- · Migration to or from site
- Changes in local population and community

#### Impacts of tourism/visitor/recreation

For example:

- Inappropriate/non-existent interpretation (not an impact)
- · High levels of visitation
- · Increase of vendors inside/outside site
- Building community support, sustainable livelihoods

#### **Chapter 4: Factors Affecting the Property**

#### Other human activities

Note Use "Social/cultural uses of heritage" for impacts on local communities

#### Illegal activities

For example:

- Illegal extraction of biological resources (i.e. poaching)
- · Blast fishing, cyanide fishing
- Illegal extraction of geological resources (mining/fossils)
- · Illegal trade
- · Illegal occupation of space
- Illegal excavations
- · Illegal construction
- Looting
- Theft
- Treasure hunting
- Ghost nets (discarded fishing gear)

#### Deliberate destruction of heritage

For example:

- Vandalism
- Graffiti
- Politically motivated acts
- Arson

#### Military training

War

**Terrorism** 

**Civil unrest** 

**Chapter 4: Factors Affecting the Property** 

Other factor(s)

Any additional factor not already covered by the list above.

Usually, very site specific

#### **Chapter 4: Factors Affecting the Property**

Threats in Reactive Monitoring

Globally

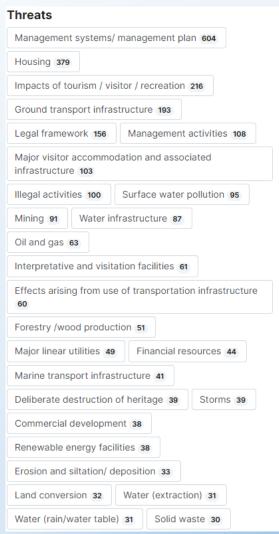
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#### Main factors affecting the WH properties

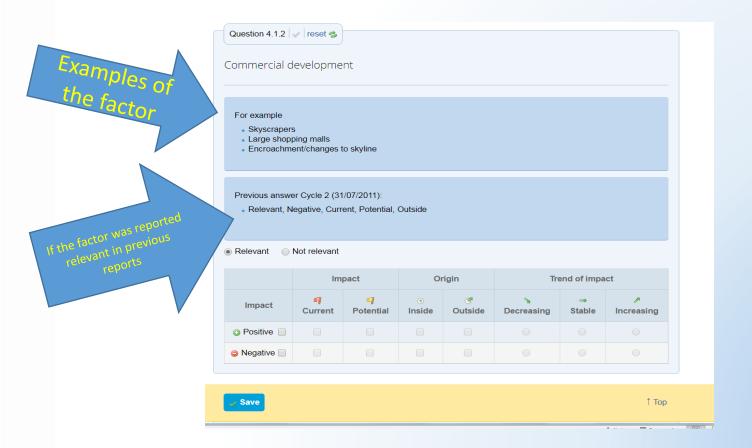
### Second Cycle of PR

- built environment (housing/transportation)
- tourism / visitor / recreational activities
- climate change-related factors





#### **Chapter 4: Factors Affecting the Property**



# **Chapter 4: Factors Affecting the Property**

▶ 4. Factors Affecting the Property (Questions 4.15)

### 4.15. Factors Summary Table

lame		Impact		Origin		Trend
4.1 Buildings and Development						
4.1.1 Housing	0	9		•	Œ	<b>→</b>
			M		Œ	1
4.1.2 Commercial development	0	9	9	•	Œ	•
	•	9				
4.1.5 Interpretative and visitation facilities	0	q		•		-
4.2 Transportation Infrastructure						
4.2.4 Marine transport infrastructure	0	9	9	•	Œ	1
		9	9	•	Œ	$\Rightarrow$
4.2.5 Effects arising from use of transportation infrastructure	0	9		•	Œ	⇒
	0		ø			1
4.3 Services Infrastructures						
4.3.1 Water infrastructure	0		9		Œ	$\Rightarrow$
		q	M	•		⇒
4.3.2 Renewable energy facilities	0	q	q		Œ	<b>⇒</b>
	0	q		•		1
4.5 Biological resource use/modification						

**Chapter 4: Factors Affecting the Property -** Special cases

4.17. Serial inscriptions (national or transnational)

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

# **Contact**

wh-periodicreporting@unesco.org



