Srebarna Nature Reserve

1. World Heritage Property Data

1.1 - Name of World Heritage property

Srebarna Nature Reserve

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Srebarna Nature Reserve	44.114 / 27.078	638	673	1311	1983
Total (ha)		638	673	1311	

1.4 - Map(s)

Title	Date	Link to source
Topographic map of Srebarna Nature reserve World Heritage site and proposed buffer zone, scale 1:10000	2007	

Comment

After examination of the map, presented to and adopted by the World Heritage Committee in 2007 (which is also uploaded at the WH website as official map of the Proerty) it was established that there is an error admitted at the time in the map itself. There is a piece of land in the lower part of the map which is not part of the WHP and is not included in its general surface of 638 ha. This land has been wrongly pointed in the map as part of the WHP. The land in question is and was municipal property and has never been part of the Managed reserve and the World Heritage Property. This land is part of the WHP's buffer zone. The total surface area of the WHP that has been approved by the WHC is 638 ha, and does not include the land in question. Please take note that this is a purely technical error and it is not related to actual modification of the boundaries. We attach a map the correctly reflected borders of the WHP and buffer zone. According to the Bulgarian legislation (Srebarna Managed reserve) and the World heritage property are exclusively state property and as such are managed by the State in the face of the Ministry of environment and water and the Regional inspectorate for environment and water for the town of Rousse.

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

- 1. Natural site datasheet from WCMC
- 2. The Biosphere Reserve Srebarna (Bulgarian Academy of Science, Central Laboratory of General Ecology)
- 3. Srebarna Lake

Comment

The first link is not active. The second link is not active and is not supported by the Bulgarian Academy of Sciences. Below are the active and supported links: https://srebarnalake.com/

. https://www.moew.government.bg/bg/priroda/zastiteni-teritorii/zastiteni-teritorii-s-mejdunarodno-znachenie/programa-chovekut-i-biosferata-na-yunesko/

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

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

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

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2.2 - Please provide comments on 2.1 if necessary

Conventions under 2.1.1 and 2.1.2 are not applicable since the WH site is a natural and not cultural property.

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

Not applicable

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

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?

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

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

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

On 2.4 and 2.5 "no" is checked since the WHP has already been designated under those conventions. On 2.7 the points where "no contact" is checked are not applicable for the property.

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?

Not aware

- 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 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

Srebarna Nature Reserve protects a lake and wetland ecosystem of 638ha located near to the village of Srebarna on the west bank of the Danube River. The reserve includes the lake and the former agricultural lands north of the lake, a belt of forest plantations along the Danube, the island of Komluka and the aquatic area locked between the island and the riverbank

Srebarna Nature Reserve is an important wetland on the Western Palaearctic bird migratory flyway. It provides nesting grounds for 99 species of birds and seasonal habitat to around 80 species of migratory birds. The property is surrounded by hills which provide a natural boundary and offer an ideal means for observing the waterfowl.

Criterion (x): Srebarna Nature Reserve protects an important example of a type of wetland that was widespread in Bulgaria in the past. It shelters a diversity of plant and animal species, which are increasingly threatened. The wetland is an important breeding, staging and wintering site for a large number of birds. Floating reedbed islands and flooded willow woodlands provide important bird breeding areas. In the lake's northern end the reedbeds gradually give way to wet meadows. In the north-western end of the lake and along the Danube there are belts of riverine forest with single old trees of White Willow.

The rich bird life supported by Srebarna Nature Reserve is the basis for its international significance. The property holds populations of birds that are considered critical to species survival. It hosts the only colony of Dalmatian Pelican in Bulgaria, as well as the largest breeding populations of four more globally threatened species: Pygmy Cormorant, Ferruginous Duck, White-tailed Eagle and Corncrake. Srebarna is also of European value importance in supporting Little Bittern Night Heron, Squacco Heron, Little Egret, Great White Egret, Purple Heron, Glossy Ibis, Spoonbill and Ruddy Shelduck. Three species of terns also occur here. Globally threatened Pygmy Cormorant and Red-breasted Goose winter in the Reserve, and the wintering populations of White-fronted Goose, Greylag Goose and Fieldfare are also notable.

In total the property provides critical habitat that supports 173 bird species, 78 species of which are of European conservation concern, and nine being listed as globally threatened.

Integrity

The property includes the largest lake left after drainage of the marshy zone along the Danube and was connected to the river until a dyke was built in 1949. Its current situation is therefore not completely natural and is maintained by water management measures. In 1994 a channel was constructed between the lake and the Danube river in order to ensure the annual flow of Danube waters into the lake during the spring months. The Reserve is a strictly protected area, and only carefully-controlled scientific research, and conservation management activities are allowed to take place within it. The site is relatively small, and only if other areas are also protected, in the region and on bird migration routes, can the key species of Srebarna Nature Reserve be expected to survive.

The property is protected by a 673 ha buffer zone which was created in 2008. This consists of a portion of the Srebarna Nature Reserve that is not part of the World Heritage property and 419 ha of land surrounding the Srebarna Nature Reserve, which is located within an adjacent protected area known as Pelikanite. The aim of this buffer zone is to prevent and reduce negative human impacts on the reserve.

Protection and management requirements

Srebarna Lake was the first wetland in Bulgaria to receive legal protection status and also the first to achieve international recognition. The lake was designated as reserve in 1948 to protect the diversity of birds it hosts. According to the 1998 law dealing with protected areas in Bulgaria, the property is classified as a "Managed Reserve", being exclusively State property. Management and control are carried out by the Ministry of Environment and Water and its regional departments. The reserve falls under the jurisdiction of the Regional Inspectorate of environment and water for the town of Russe. Besides its inclusion on the World Heritage List, Srebarna Lake is also protected as a Wetland of International Importance under the Ramsar Convention and as a UNESCO Biosphere Reserve. In 1989 the lake was designated as an Important Bird Area by BirdLife International. Its values are also recognised and protected at the European level. The property is also included in two Natura 2000 sites: the Srebarna Special Protection Area and Ludogorie-Srebarna Special Area of Conservation.

The property requires active management, and a management plan needs to be maintained and updated to guide this work. Keys objectives of the management plan are conservation management for the protection of its breeding bird populations, and the continued function of the property as a stopover site for migratory birds. Specific regimes are in place for a number of different zones in the reserve, according to their conservation value. Key management requirements for the lake are to maintain and restore its water system to as natural a state as possible. Vegetation management is also needed to optimize the conservation value of the property to birds. Control of human use and the active prevention of poaching and illegal fishing are also required on an ongoing basis. Monitoring of activities to ensure management plan implementation is required in relation to the achievement of clear targets that should be defined and updated in the management plan.

Protection of the values of the property also relies on measures outside its boundaries. The buffer zone of the property is important in preventing the introduction of non-local plant or animal species, pollution from domestic, industrial or other types of waste, hunting during bird nesting and breeding periods, burning of reeds, and other activities that could disturb the nesting and breeding bird colonies. Some of these issues also require measures beyond the defined buffer zone of the

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property. The linkage of the property with other reserves on the Romanian side of the Danube, and within the wider Western Palaearctic migratory flyway, would also enhance its integrity and the protection of its natural values.

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	Natural euthrophic lake habitat	×			
3.2.2	Alluvial riparian forests habitats	×			
3.2.3	Suitable conditions of a stopover site for migratory birds	×			
3.2.4	Mixed herons' nesting colonies	×			
3.2.5	Nesting colony of Dalmatian pelican		×		
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

Some problems affecting the nesting process of Dalmatian pelicans in the recent 3-4 years have been related to disturbance and consumption of eggs by land carnivores, mainly racoon dogs (Nyctereutes procyonoides) and rarely jackals (Canis aureus). Abnormally high temperatures in typically winter months (January and February) prompted the birds to start their breeding season too early. Often later sub zero temperatures occur which lead to forming of ice cover enabling access of predators.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (25/07/2014):

Not relevant

X Relevant				lot relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	Outside	▶ Decreasing	→ Stable	Increasing
O Positive							
Negative X	×	×		×		\rightarrow	

4.1.2 - Commercial development

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.1.3 - Industrial areas

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (25/07/2014):

Not relevant

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Relevant X Not relevant

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (25/07/2014):

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

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

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

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (25/07/2014):

• Relevant, Positive, Negative, Current, Outside

* Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
O Positive							
Negative X	×			×			P

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	✗ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (25/07/2014):

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

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

4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (25/07/2014):

• Not relevant

≭ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	G Outside	▶ Decreasing	→ Stable	Increasing
Positive							
○ Negative X	×	×		×			7

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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

River shipping routes are in close vicinity to the property. Periodic dredging of the river bed is necessary for waterway maintenance. It influences water levels in the river and consequetively the water balance in the property. Increase of the waterway depth minimizes the probability of river water entering into the property during flood periods and its' duration thus deteriorating water balance of the lake. Increase of road traffic on an adjacent main road also has negative effect.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (25/07/2014):

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

X Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	№ Decreasing	→ Stable	Increasing
Positive X	×	×	×				7
Negative X	×	×		×		\rightarrow	

4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.3.5 - Major linear utilities

Previous answer Cycle 2 (25/07/2014):

Not relevant

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

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

As far as the water infrastructure is concerned there are existing dykes built in different periods and channels ensuring the connection of the lake with Danube river which contributes to the maintenance of the water level. In terms of Major linear utilities there is one air cable line which crosses a section of both the property and buffer zone.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.4.2 - Ground water pollution

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Outside

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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	♦ Decreasing	⇒ Stable	Increasing
Positive							
Negative	×	×		×		→	

4.4.3 - Surface water pollution

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Outside

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

4.4.4 - Air pollution

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Inside, Outside

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

4.4.5 - Solid waste

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

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

4.4.6 - Input of excess energy

Previous answer Cycle 2 (25/07/2014):

Not relevant

≭ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	© Outside	→ Decreasing	⇒ Stable	Increasing
Positive							
○ Negative X	×			×			· ·

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

Solid waste in the property is mainly introduced by flood waters of the Danube river and consists primarily of plastic bottles and other packaging. A share of contribution to littering is also a result of angling in certain areas within and around the property. Input of excess energy - it is related to lightening from the houses in the village located in proximity to the Property as well as lightening coming from relatively distance.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (25/07/2014):

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

X Relevant	Not relevant

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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
Positive							
Negative	×	×	×	×		\Rightarrow	

4.5.2 - Aquaculture

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

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

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Outside

Relevant	✗ Not relevant
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4.5.5 - Crop production

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant
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4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

* Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	→ Decreasing	→ Stable	Increasing
Positive							
Negative X	×	×		×			7

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	✗ Not relevant
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4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

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

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

Angling is permitted at certain places in the property which as a whole is not harmful. On the other hand angling and hunting are also allowed in the buffer zone. There impact is mainly negative especially if net-fishing is concerned and the hunting as a whole. Forestry activities are also developed in the buffer zone and the surrounding areas but not in the Property.

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.6.2 - Quarrying

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

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

4.6.3 - Oil and gas

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.6.4 - Water (extraction)

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Outside

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

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

Currently, the property is mostly affected by sand extraction from the Danube river bed. It is primarily executed for waterway navigation maintenance purposes but also as commercial activity. It alters the water currents and at the same time deepens the bed which leads to mainly negative changes of the water balance of the site. Water extraction concerns extraction from tributaries of the lake water basin, outside of the Property which are mainly distant but still affect the water balance.

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	✗ Not relevant

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4.7.2 - Relative humidity

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.7.3 - Temperature

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant

X Not relevant

4.7.4 - Radiation/Light

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.7.5 - Dust

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.7.7 - Pests

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.7.8 - Micro-organisms

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X 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

As the Property is a natural site the questions are irrelevant to its nature.

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant Not relevant

4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

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

Previous answer Cycle 2 (25/07/2014):

• Relevant, Positive, Current, Potential, Outside

X Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	№ Decreasing	→ Stable	Increasing
O Positive X	×	×		×			
Negative X	×	×		×			

4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (25/07/2014):

Not relevant

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

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

Impacts of tourism/Visitation/Recreation - There is an increase in the visitor levels in the buffer zone of the Property with peaks at certain periods, i.e. weekends in spring and autumn season with recreational purposes. Therefore there is potential for disturbance of the inhabitant species.

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (25/07/2014):

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

X Relevant			1	Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	→ Decreasing	→ Stable	Increasing
Positive							
Negative	×	×	×	×		\Rightarrow	

4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Inside, Outside

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

4.9.3 - Military training

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.9.4 - War

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

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4.9.5 - Terrorism

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.9.6 - Civil unrest

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

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

As far as the illegal activities are concerned illegal fishing and hunting inside and outside the Property have been occasionally observed. Angling is legal in certain sections of the Property. On the other hand angling and hunting are permitted in the buffer zone in certain periods and with obligatory permits. There have been isolated cases of poaching inside and outside the Property. Besides there are two cases of arson in the Property which affected the vegetation.

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (25/07/2014):

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

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

4.10.2 - Flooding

Previous answer Cycle 2 (25/07/2014):

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

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

4.10.3 - Drought

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Inside, Outside

× Relevant				Not relevant				
	Impact Origin				Trend of impact			
Impact	Current	Potential	• Inside	© Outside	▶ Decreasing	⇒ Stable	Increasing	
Positive								
	×	×	×	×			/	

4.10.4 - Desertification

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant
	Not tole fam.

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4.10.6 - Temperature change

Previous answer Cycle 2 (25/07/2014):

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

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

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

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

In terms of Section 4.10.1. - Storms we would like to clarify that the River/Stream overflows create conditions that have the potential to provide better circulation of the waters in the lake which could be beneficial for decreasing of the eutrophication. As for the other factors in this Section they would normally have negative effect.

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (25/07/2014):

Not relevant

Re	elevant	X Not relevant

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant
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4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Outside

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

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (25/07/2014):

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

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

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4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Inside, Outside

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

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

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

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

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Current, Potential, Outside

※ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	• Inside	Outside	▶ Decreasing	⇒ Stable	Increasing
Positive							
	×	×	×	×			1

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (25/07/2014):

• Relevant, Negative, Potential, Inside, Outside

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

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (25/07/2014):

Not relevant

★ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	© Outside	→ Decreasing	⇒ Stable	Increasing

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Positive				
Negative X	×	×		1

4.12.6 - Modified genetic material

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant X Not relevant

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

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Current	Potential	Inside	Outside	▶ Decreasing	⇒ Stable	Increasing	
O Positive X	×	×	×	×			7	
Negative								

4.13.2 - Legal framework

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

4.13.3 - Governance

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

4.13.4 - Management activities

Previous answer Cycle 2 (25/07/2014):

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

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

4.13.5 - Financial resources

X Relevant				Not relevant				
	Impact		Origin		Trend of impact			
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing	
O Positive X	×	×	×	×	S			
○ Negative X	×	×	×	×			7	

4.13.6 - Human resources

♥ Delegant	Not relevant
X Relevant	Not relevant

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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	▶ Decreasing	→ Stable	Increasing
○ Positive ★	×	×	ж		S		
Negative	×	×	×				P

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (25/07/2014):

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

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

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (25/07/2014):

Not relevant

Relevant	X Not relevant
12.0. Places comment as necessary on how the factors	colocted as valeyant in 4.42 are affecting the preparty sither pagetively as

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

4.13.3. Governance - It is not very clear what is the meaning of this section. We think that it covers the previous two sections - management system and legal framework.

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact	İ		Origin		Trend
4.1 Buildings and Development						
4.1.1 Housing						
		9	9		Œ	\rightarrow
4.1.5 Interpretative and visitation facilities	O	9			Œ	\rightarrow
			9		G	→
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
		9			Œ	1
4.2.4 Marine transport infrastructure						
		q	9		G	1
4.2.5 Effects arising from use of transportation infrastructure						
		9	9		Œ	1
4.3 Services Infrastructures						
4.3.1 Water infrastructure	O	9	9	•		1
		9	9		G	→
4.3.5 Major linear utilities						
		9	9	•		→
4.4 Pollution						
4.4.2 Ground water pollution						

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		q	9		Œ	\rightarrow
4.4.3 Surface water pollution						
		9	9		Œ	→
4.4.4 Air pollution						
			9	•	Œ	
4.4.5 Solid waste						
		9	9	•	Œ	>
4.4.6 Input of excess energy						
		9			C	-
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
		9	9	•	(\rightarrow
4.5.3 Land conversion						
		9	9		G	1
4.5.8 Commercial hunting						
		9	9		(-
4.5.10 Forestry/Wood production						
		9	9		(7
4.6 Physical resource extraction						
4.6.2 Quarrying						
		9	9		G	/
4.6.4 Water (extraction)						
		9	9		Œ	→
4.8 Social/Cultural uses of heritage						
4.8.5 Identity, social cohesion, changes in local population and community	O	9	9		Œ	
		9	9		Œ	
4.8.6 Impacts of tourism/Visitation/Recreation						
		9	9		Œ	-
4.9 Other human activities						
4.9.1 Illegal activities						
		q	9	•	Œ	→
4.9.2 Deliberate destruction of heritage						
			9	•	Œ	
4.10 Climate change and severe weather events						
4.10.1 Storms	•		9	•	Œ	
			9	•	Œ	
4.10.2 Flooding	O	9	9		Œ	→
			9		Œ	
4.10.3 Drought						
		9	9	•	Œ	-
4.10.6 Temperature change						
		9	9		Œ	-
4.11 Sudden ecological or geological events						

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4.11.4 Avalanche/Landslide						9		E	
4.11.5 Erosion and siltation/Deposition									
					9	9	•	Œ	
4.11.6 Fire (wildfire)									
						9	•	G	
4.12 Invasive/alien species or hyper-abunda	nt species								
4.12.1 Translocated species									
					9	9		C	
4.12.2 Invasive/Alien terrestrial species									
					9	9	•	C	P
4.12.3 Invasive/Alien freshwater species									
					9	9	•	C	\rightarrow
4.12.5 Hyper-abundant species									
					q		•		7
4.13 Management and institutional factors									
4.13.1 Management system/Management pla	an			O	q	9	•	C	*
4.13.2 Legal framework				O	9	9	•	G	→
					4	9	0	G	→
4.13.3 Governance				•	H	4	•	(F	→
4.13.4 Management activities				©	m ^{CO}	<i>(</i> 3)		76	_
4.13.4 Management activities					7	-1	•	G	_
4.13.5 Financial resources				()		a	(₹	
					ø	q	@	F	7
4.13.6 Human resources				O	9	9	•		S
					9	9	•		7
4.13.7 Low impact research/monitoring activ	vities			O	9	9	•	G	→
						9	•	Œ	
Legend	Potential	Negative	O Positive	Inside	de		Outside	de	

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 O		Origin		Trend	
4.1.1 Hous	ing						
			q	9		G	→
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						

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	cale - Occurence of the impact						
×	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Im	pact on the attributes						
×	Insignificant						
	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name	retative and visitation facilities	Impact			Origin	Œ	Trend
4.1.5 interp	letative and visitation racinities		4	a		·	_
				7		G	~
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Restricted						
	Restricted Localised						
×	Restricted Localised Extensive						
×	Restricted Localised Extensive Widespread						
×	Restricted Localised Extensive Widespread cale - Occurrence of the impact						
X Temporal s	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare						
X Temporal s	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic						
X Temporal s	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent						
X Temporal s	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going						
X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes						
X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant						
X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor						
X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant						
X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major						
X Temporal s X Impact - Im X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major Intersponse - Capacity of management to respond						

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

4.2 Transportation Infrastructure

Increasing

Name		Impact		Origin		Trend
4.2.1 Groun	nd transport infrastructure					
			q		Œ	-
Spatial sca	le - Area affected by the factor					
×	Restricted					
**	Localised					
	Extensive					
	Widespread					
Temporal	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going .					
Impact - Im	pact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
	High capacity					
	Medium capacity					
	Low capacity					
×	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
×	Static					

Name	Impact	i		Origin		Trend
4.2.4 Marine transport infrastructure						
		q	9		G	>

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

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×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name	s arising from use of transportation infrastructure	Impact	t		Origin		Trend
	s arising from use of transportation infrastructure			a	Origin	₹	Trend
	s arising from use of transportation infrastructure	Impact	9	9	Origin	G	Trend
4.2.5 Effect	s arising from use of transportation infrastructure le - Area affected by the factor			9	Origin	Œ	Trend
4.2.5 Effect				q	Origin	Œ	Trend
4.2.5 Effect	le - Area affected by the factor			q	Origin	Œ	Trend
4.2.5 Effect	le - Area affected by the factor Restricted Localised Extensive			q	Origin	Œ	Trend
4.2.5 Effect Spatial sca	le - Area affected by the factor Restricted Localised Extensive Widespread			q	Origin	Œ	Trend
4.2.5 Effect Spatial sca	le - Area affected by the factor Restricted Localised Extensive			q	Origin	Œ	Trend
4.2.5 Effect Spatial sca	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare			9	Origin	Œ	Trend
4.2.5 Effect Spatial sca	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic			न	Origin	Œ	Trend
4.2.5 Effect Spatial sca X	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent			व	Origin	(Trend
4.2.5 Effect Spatial sca X Temporal s	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going			व	Origin	©	Trend
4.2.5 Effect Spatial sca X Temporal s	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes			q	Origin	(Trend
4.2.5 Effect Spatial sca X Temporal s	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant			q	Origin	E	Trend
4.2.5 Effect Spatial sca X Temporal s	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor			व	Origin	(Trend
4.2.5 Effect Spatial sca X Temporal s	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant			व	Origin	&	Trend
4.2.5 Effect Spatial sca X Temporal s X	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major			q	Origin	(Trend
4.2.5 Effect Spatial sca X Temporal s X	Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major Int response - Capacity of management to respond			<i>ब</i>	Origin	&	Trend
4.2.5 Effect Spatial sca X Temporal s Impact - Im	le - Area affected by the factor Restricted Localised Extensive Widespread cale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going pact on the attributes Insignificant Minor Significant Major			द्	Origin	(\$	Trend

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

4.3 Services Infrastructures

Name		Impact	į		Origin		Trend
4.3.1 Water	infrastructure	0	9	q	•		P
			9	9		G	\rightarrow
Spatial sca	e - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
×	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Dev	elopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

Name	Impact		Impact		Impact		Impact		Impact		Impact		Impact		Impact		Impact		Impact		Impact		mpact		pact		mpact		Impact		npact		npact		Impact		Trend
4.3.5 Major linear utilities																																					
		9	9	•	→																																

Spatial sca	ale - Area affected by the factor
×	Restricted
	Localised

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

4.4 Pollution

Name		Impact		Origin		Trend	
4.4.2 Grou	nd water pollution						
			q	9		Œ	\rightarrow
Spatial age	ale - Area affected by the factor						
Spatial Sca	ile - Area arrected by the ractor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - In	npact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	ent response - Capacity of management to respond						

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	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name		Impact			Origin		Trend
4.4.3 Surfa	ce water pollution	_					
			9	9		C	→
Spatial sca	ale - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - In	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	ent response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Description						

Name	Impact			Origin	Trend	
4.4.4 Air pollution						
			9	•	(

Static

Increasing

×

Spatial sca	ale - Area affected by the factor	
	Restricted	

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

Name	Impac	t		Origin		Trend	
4.4.5 Solid waste							
		9	9	•	Œ	7	

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

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

Name		Impact		Origin		Trend
4.4.6 Inpu	t of excess energy					
				C	1	
Custial as	ale. Area affected by the feeter					
Spatial Sc	ale - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					

i	Temporal s	scale - Occurence of the impact	
		One off or rare	

Intermittent or sporadic

Frequent

★ On-going

Impact - Impact on the attributes Insignificant Minor Significant

Significant Major

Management response - Capacity of management to respond High capacity Medium capacity

Low capacity

No capacity and / or resources

Trend - Developement over the last 6 years

Decreasing

Static

Increasing

4.5 Biological resource use/modification

Restricted

×

Name	Impact	t		Origin		Trend
4.5.1 Fishing/collecting aquatic resources						
		A	9	•	G	\rightarrow
Spatial scale - Area affected by the factor						

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

Name	Impact			Origin		Trend
4.5.3 Land conversion						
		4	9		F	1

Spatial sca	ale - Area affected by the factor
×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent
	On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor
	Significant
	Major
Manageme	ent response - Capacity of management to respond

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

Name	Impact			Origin		Trend
4.5.8 Commercial hunting						
		9	9		G	-

Localised Extensive Widespread Temporal scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant Minor Significant Major Management response - Capacity of management to respond Minimagement response - Capacity of management to respond Minimagement response - Capacity of management to respond Trend - Development over the last 6 years Decreasing Static			-0	-0	G	•
Localised Extensive Widespread Temporal scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant X Minor Significant Wajor Major Major	Spatial sca	ale - Area affected by the factor				
Extensive Widespread Temporal scale - Occurence of the impact One off or rare X Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant X Minor Significant Major Management response - Capacity of management to respond High capacity X Low capacity No capacity No capacity No capacity and / or resources Trend - Development over the last 6 years Decreasing Static	×	Restricted				
Widespread Temporal scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		Localised				
Temporal scale - Occurence of the impact One off or rare Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity and / or resources Trend - Development over the last 6 years Decreasing Static		Extensive				
Intermittent or sporadic Frequent On-going Impact - Impact on the attributes Insignificant X Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity X Low capacity No capacity of resources Trend - Developement over the last 6 years Decreasing Static		Widespread				
Intermitent 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 of resources Trend - Development over the last 6 years Decreasing Static	Temporal	scale - Occurence of the impact				
Frequent On-going Impact - Impact on the attributes Insignificant X Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity X Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		One off or rare				
Impact - Impact on the attributes Insignificant Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static	×	Intermittent or sporadic				
Impact - Impact on the attributes Insignificant Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		Frequent				
Insignificant Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity of resources Trend - Developement over the last 6 years Decreasing Static		On-going				
X Minor Significant Major Management response - Capacity of management to respond High capacity Medium capacity X Low capacity No capacity No capacity of resources Trend - Developement over the last 6 years Decreasing Static	Impact - In	npact on the attributes				
Significant Major Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		Insignificant				
Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static	×	Minor				
Management response - Capacity of management to respond High capacity Medium capacity Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		Significant				
High capacity Medium capacity Low capacity No capacity and / or resources Trend - Development over the last 6 years Decreasing Static		Major				
Medium capacity Low capacity No capacity and / or resources Trend - Development over the last 6 years Decreasing Static	Manageme	ent response - Capacity of management to respond				
Low capacity No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		High capacity				
No capacity and / or resources Trend - Developement over the last 6 years Decreasing Static		Medium capacity				
Trend - Developement over the last 6 years Decreasing Static	×	Low capacity				
Decreasing Static		No capacity and / or resources				
Static	Trend - De	velopement over the last 6 years				
		Decreasing				
* Increasing		Static				
	×	Increasing				

Name	Impact			Origin		Trend
4.5.10 Forestry/Wood production						
		9	9		G	-

Spatial sca	le - Area affected by the factor
×	Restricted

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

4.6 Physical resource extraction

Name		Impact		Origin		Trend	
4.6.2 Quarr	ying						
			q	9		Œ	1
0	he Assa effected by the factor						
Spatiai sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						

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Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - Dev	elopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name	(Autoration)	Impact			Origin		Trend
4.6.4 Water	(extraction)			~n		net.	
			9	9		G	-
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
	Frequent						
×	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

4.8 Social/Cultural uses of heritage

Name	Impact			Origin		Trend	
4.8.5 Identity, social cohesion, changes in local population and community	O	9	9		Œ		

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			4	4		G	
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
	Low capacity						
×	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name	to of tourism Minister Deceasion	Impact			Origin		Trend
4.6.6 impac	ts of tourism/Visitation/Recreation		-3	-71		codi.	21
			q	9		F	1
Spatial sca	le - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						

Spatial sca	le - Area affected by the factor
×	Restricted
	Localised
	Extensive
	Widespread
Temporal s	scale - Occurence of the impact
	One off or rare
×	Intermittent or sporadic
	Frequent
	On-going On-going
Impact - Im	pact on the attributes
	Insignificant
×	Minor

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	Significant
	Major
Manageme	nt response - Capacity of management to respond
	High capacity
	Medium capacity
×	Low capacity
	No capacity and / or resources
Trend - Dev	relopement over the last 6 years
	Decreasing
	Static
×	Increasing

4.9 Other human activities

Name		Impact		Origin		Trend	
	gal activities	impact		Origin		rrena	
4.5.1 1110			q		@	100	_
			-1	-1	9	G	_
Spatial s	cale - Area affected by the factor						
	Restricted						
×	Localised						
	Extensive						
	Widespread						
Tempora	l scale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going						
Impact -	Impact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manage	nent response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - I	Developement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						

Name Origin	Tren
-------------	------

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

4.10 Climate change and severe weather events

Name		Impact		Origin		Trend	
4.10.1 Stor	4.10.1 Storms			9	•	F	
				9	•	(
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
×	Extensive						
	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going						

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Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
	Low capacity						
×	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.10.2 Floo	ding	O	9	9		G	\rightarrow
				9		G	
Spatial sca	ele - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going Control of the Control of t						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
×	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
×	Decreasing						
	Static						
	Increasing						

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4.10.3 Drought							
			q	9	•	Œ	7
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	cale - Occurence of the impact						
	One off or rare						
	Intermittent or sporadic						
×	Frequent						
	On-going On-going						
Impact - Im	pact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
	Medium capacity						
	Low capacity						
×	No capacity and / or resources						
Trend - Dev	relopement over the last 6 years						
	Decreasing						
	Static						
×	Increasing						
Name 4.10.6 Tem	perature change	Impact			Origin		Trend
			q	9		Œ	,
			•	·		3	
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal scale - Occurence of the impact							
	One off or rare						
	Intermittent or sporadic						
~	Fraguent						

Impact

Origin

Trend

Name

On-going

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

4.11 Sudden ecological or geological events

Name		Impact			Origin		Trend
4.11.4 Ava	lanche/Landslide						
				9		G	
Spatial sca	ale - Area affected by the factor						
×	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal	scale - Occurence of the impact						
×	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - In	pact on the attributes						
	Insignificant						
×	Minor						
	Significant						
	Major						
Manageme	ent response - Capacity of management to respond						
	High capacity						
	Medium capacity						
×	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						

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-1	n	0	re	а	S	ın	0

Name		Impact			Origin		
4.11.5 Erosion and siltation/Deposition							
		9	q	•	ઉ		

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

Name	Impact		Origin		Origin	
4.11.6 Fire (wildfire)						
		q	•		Œ	

Spatial sca	ale - Area affected by the factor
	Restricted
×	Localised
	Extensive
	Widespread
Temporal	scale - Occurence of the impact
×	One off or rare
	Intermittent or sporadic
	Frequent

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	On-going
Impact - Im	pact on the attributes
	Insignificant
	Minor
×	Significant
	Major
Manageme	ont response - Capacity of management to respond
	High capacity
×	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - De	velopement over the last 6 years
×	Decreasing
	Static
	Increasing

4.12 Invasive/alien species or hyper-abundant species

4.12.1 Translocated species Spatial scale - Area affected by the factor Restricted	•	9	9	Œ	
		9	9	ઉ	
▼ Postricted					
Vezilicien					
Localised					
Extensive					
Widespread					
Temporal scale - Occurence of the impact					
One off or rare					
✗ Intermittent or sporadic					
Frequent					
On-going					
Impact - Impact on the attributes					
Insignificant					
✗ Minor					
Significant					
Мајог					
Management response - Capacity of management to respond					
High capacity					
Medium capacity					
★ Low capacity					
No capacity and / or resources					
Trend - Developement over the last 6 years					
✗ Decreasing					

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Static
Increasing

Name	Impact			Origin	Trend	
4.12.2 Invasive/Alien terrestrial species						
		9	9	•	©	P
Spatial scale - Area affected by the factor						
Restricted						

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

Name	Impact	mpact		Origin		Trend
4.12.3 Invasive/Alien freshwater species						
		9	9	•	Œ	\rightarrow

		-		
Spatial sca	ale - Area affected by the factor			
	Restricted			
	Localised			
×	Extensive			
	Widespread			
Temporal s	scale - Occurence of the impact			
	One off or rare			
	Intermittent or sporadic			
	Frequent			

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×	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
	High capacity					
	Medium capacity					
	Low capacity					
×	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					
Name		Impact		Origin		Trend
4.12.5 Hyp	or-abundant species					
			q	•		7
Spatial sca	le - Area affected by the factor					
	Restricted					
	Localised					
×	Extensive					
	Widespread					
Temporal s	cale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
	Frequent					
×	On-going					
Impact - Im	pact on the attributes					
	Insignificant					
	Minor					
×	Significant					
	Major					
Manageme	nt response - Capacity of management to respond					
	High capacity					
	Medium capacity					
×	Low capacity					
	No capacity and / or resources					
Trend - De	velopement over the last 6 years					
	Decreasing					
	Static					

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4.13 Management and institutional factors

Intermittent or sporadic

Name		Impact		Origin	Origin		
4.13.1 Man	agement system/Management plan	O 9			•	Œ	<i>P</i>
Spatial sca	ele - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						
×	Intermittent or sporadic						
	Frequent						
	On-going Control of the Control of t						
Impact - Im	spact on the attributes						
	Insignificant						
	Minor						
×	Significant						
	Major						
Manageme	nt response - Capacity of management to respond						
	High capacity						
×	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - De	velopement over the last 6 years						
	Decreasing						
×	Static						
	Increasing						
Name		Impact			Origin		Trend
4.13.2 Lega	al framework	O	9	9	•	©	→
			A	4	•	G	→
Spatial sca	le - Area affected by the factor						
	Restricted						
	Localised						
	Extensive						
×	Widespread						
Temporal s	scale - Occurence of the impact						
	One off or rare						

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

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	ea	

Name	Impact			Origin		Trend
4.13.4 Management activities	•	9	9	•	G	\rightarrow

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

Name	Impac	Impact				Trend
4.13.5 Financial resources	O 9 9 0		•	Œ	S	
		q	9	•	Œ	1

		- 0	9	3	
Spatial sca	ale - Area affected by the factor				
	Restricted				
	Localised				
×	Extensive				
	Widespread				
Temporal	scale - Occurence of the impact				
	One off or rare				
	Intermittent or sporadic				
×	Frequent				
	On-going				

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Impact - I	mpact on the attributes					
,	Insignificant					
	Minor					
×	Significant					
^	Major					
Managem	ent response - Capacity of management to respond					
Mariagem	High capacity					
•	Medium capacity					
×	Low capacity					
Trand D	No capacity and / or resources					
Irend - De	evelopement over the last 6 years					
	Decreasing					
**	Static					
×	Increasing					
Name		Impac	t		Origin	Trend
	man resources	•	P	9	•	\$
			P	9	•	,
Spatial so	ale - Area affected by the factor					
	Restricted					
×	Localised					
	Extensive					
	Widespread					
Temporal	scale - Occurence of the impact					
	One off or rare					
	Intermittent or sporadic					
×	Frequent					
	On-going					
Impact - I	npact on the attributes					
	Insignificant					
×	Minor					
	Significant					
	Major					
Managem	ent response - Capacity of management to respond					
	High capacity					
	Medium capacity					
×	Low capacity					
	No capacity and / or resources					
Trend - Do	evelopement over the last 6 years					
	Decreasing					
×	Static					
	Increasing					

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

- 4.17. Serial inscriptions (national or transnational)
- 4.17.1 If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor
- 4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.
- 4.18.1 Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1					
4.18.1.2					
4.18.1.3					
4.18.1.4					
4.18.1.5					

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- 5. Protection and Management of the Property
- 5.1 Boundaries and Buffer Zones

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

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

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

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

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

The buffer zones 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 both the management authority and local communities/landowners

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

The World Heritage site is also a Managed Reserve according to the national legislation - Protected Areas Act - with adjoining buffer zone. The protective regimes and restrictions over the activities within their boundaries are well known to all locals. The borders of the Managed Reserve and its buffer zone encompass the World Heritage property and its buffer zone.

5.2. Protective Measures

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

Srebarna Lake was the first wetland in Bulgaria to receive legal protection status and also the first to achieve international recognition. The lake was designated as reserve in 1948 to protect the diversity of birds it hosts. According to the 1998 law dealing with protected areas in Bulgaria, the property is classified as a "Managed Reserve", being exclusively State property. Management and control are carried out by the Ministry of Environment and Water and its regional departments. The reserve falls under the jurisdiction of the Regional Inspectorate of environment and water for the town of Russe. Besides its inclusion on the World Heritage List, Srebarna Lake is also protected as a Wetland of International Importance under the Ramsar Convention and as a UNESCO Biosphere Reserve. In 1989 the lake was designated as an Important Bird Area by BirdLife International. Its values are also recognised and protected at the European level. The property is also included in two Natura 2000 sites: the Srebarna Special Protection Area and Ludogorie-Srebarna Special Area of Conservation.

Source: SOUV

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

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

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

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

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

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

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

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

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

- 5.2.7 Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice
- 5.2.8 Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property
- 5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property Public management system at provincial/regional level

If 'Other', please specify

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

A statutory Management Plan or zoning plan for the property.

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

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Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management
An integrated management plan combining World Heritage and any other designations
A management plan
An annual work plan or business plan

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

The Property is exclusively state property. According to the national Protected Areas Act the management and control of the activities in protected areas which are exclusively state property are carried out entirely by the Ministry of Environment and Waters (MOEW) and its regional structures, which are Regional Inspectorates of Environment and Waters (RIEW). Particularly for Srebarna Nature reserve WHP the management authority is the RIEW for the Town of Russe.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management Plan for the Srebarna Managed Nature Reserv	N/A	Available	2001	

Comment

An updated Management Plan has been adopted in late 2016. It incorporates all designations of the property according to national and international legislation and agreements. The plan is effective until 2026 and needs to be updated after that. In case of failure of the development of an updated plan the old one remains effective in its part concerning protective regimes and measures for unspecified time period.

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

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

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

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

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

Research has been made into the nature and sources of other stress factors (e.g. pollution, sedimentation, deforestation, poaching) impacting on the property, which have the potential to reduce its resilience to the impacts of climate change. That research has been included into the management plan.

- **5.3.9 Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ? Some use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties
- 5.3.10 If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done
- 5.3.11 Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

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

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

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

5.3.13 - Is the management system being implemented?

The management system is being fully implemented and monitored

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

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

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

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			×		
5.3.15.2	Local authorities			×		
5.3.15.3	Landowners in the property and the buffer zone			×		
5.3.15.4	Indigenous peoples	×				
5.3.15.5	Women	×				

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5.3.15.6	Other specific groups	×			
	If you selected, 'Other specific groups' please specify				

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

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				×	
5.3.16.2	Local/Municipal authorities					×
5.3.16.3	Indigenous peoples	×				
5.3.16.4	Landowners	×				
5.3.16.5	Women	×				
5.3.16.6	Youth/Children					×
5.3.16.7	Researchers					×
5.3.16.8	Local Visitors/Tourists					×
5.3.16.9	National/International tourists					×
5.3.16.10	Tourism Industry					×
5.3.16.11	Local businesses and industries					×
5.3.16.12	NGOs					×
5.3.16.13	Other specific groups	×				
	If you selected 'Other specific groups', please specify					

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

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

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

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

6. Financial and Human Resources

6.1. Funding

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

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	85 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %

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6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	15 %	100 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	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 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

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

The funding for project activities in fulfillment of the Management Plan is provided by the means of the national Operational Programme "Environment". The latter is funded by EU funds and a smaller percentage of the state budget. All running costs are provided by the budget of the Ministry of Environment and Waters and respectively the Regional Inspectorate of Environment and Waters for the town of Ruse.

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 both the medium- and long-term

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

The funding provided by the budget of the Ministry of Environment and Waters is limited and primarily for running costs. It is inadequate for implementing larger-scale conservational measures. The funding provided by the Operational Programme "Environment" is normally sufficient for large-scale measures but is not regular and dependent on complicated administrative procedures.

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	100 %	10 %
6.1.6.2	Women	0 %	90 %
		Total 100 %	Total 100 %

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

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

Conservation	Fair
Environmental sustainability	Fair
Community participation and inclusion	Not available

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

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

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

- 6.1.11 If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.
- 6.1.12 Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

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

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

On Question 6.1.12 - There is no site-based capacity building plan or programme but management is implemented predominantly by internal staff from the Regional Inspectorate of environment and water for the town of Ruse. Only specific technical operations are carried out by external individuals/organizations.

- 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 some national agencies

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

Comment on question 7.3 - Research results are usually available on demand and published in scientific periodicals but are not shared on a broad public level.

- 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	Good
Indigenous peoples	Not applicable
Landowners	Not applicable
Women	Not applicable
Youth/children	Fair
Researchers	Good
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Good
Local businesses and industries	Poor
NGOs	Good
Other specific groups	Not applicable

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

There is a limited and ad hoc education and awareness programme for children and/or youth

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

Local communities
Local/municipal authorities
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	Good
Information booths	Not needed
Guided tours	Not needed
Trails/routes	Fair
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

The Nature museum in the village of Srebarna, neighbouring the Property, acts also as Visitor center. Besides the permanent museum exibition there is also a video hall, special room for conferences and events and all the attributes of a visitor center. The Nature museum has been refurbished and equiped as a result of the realization of a project funded by EU.

9. Visitor Management

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

9677 / 9365 / 6072 / 14813 / 13048 /

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

Other

Entry tickets from the Natural History Museum visitors have been used.

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

Property is a managed reserve with very strict regimes. Because of that and the lack of visitor infrastructure there are no visitors allowed inside of the WHP. Only members of the management body, scientists and contractors have access to the WHP. On the other hand in the buffer zone there is a developed visitor infrastructure such as trails, gazebos, observation towers which are used by visitors. There is a Nature History museum in the nearby village, which provided the numbers of its visitors

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

 $unknown \ / \ unknown \ /$

9.6 - Please provide the source of information

As pointed above the visitors are allowed only in the buffer zone as well as in the Nature History museum which is outside the Property and the buffer zone. The management of the WHP does not possess data about the average visitor expenditures.

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

In the management plan - MP of the Property there is a special part, dealing with visitor management, which sets requirements and regulates the visits at the place.

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The MP determines the special routes, the number of visitors, the places where watching towers, information boards, fireplaces and other facilities can be installed in order to provide good service to visitors and avoid disturbance of birds. There are tourism development strategies adopted at national and regional level also.

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?

No

If a different system, please specify

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

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

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

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

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

In 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? No fees are collected

9.15 - Are there locally driven sustainable tourism initiatives?

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If 'Yes', please specify

There are guest houses, equestrian base in the nearby village but outside of the Property.

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

Yes

If 'Yes', please specify

A substantial share of the profit, generated by tourism industry remains with the local communities.

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

Since the category of the Property according to national legislation is one of the strictest, namely a Managed reserve no tourism development is allowed in it. Tourist activities are carried out in part of the buffer zone and the adjacent territories, and the same are regulated by the management plans of the Managed reserve (Property) and its buffer zone - Protected area "Pelikanite".

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 considerable monitoring but it is not directed towards management needs and/or improving the understanding of 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			×	
10.3.2	Effectiveness of the management system		×		
10.3.3	Character of governance		×		
10.3.4	Appropriate synergy with other conservation designations		×		
10.3.5	Contribution to sustainable development		×		
10.3.6	Capacity development		×		

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

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

World Heritage managers/coordinators and staff	Fair

Local/municipal authorities	Non-existent
Local communities	Non-existent
Indigenous peoples	Not applicable
Landowners	Non-existent
Women	Not applicable
Researchers	Good
Tourism industry	Non-existent
Local businesses and industry	Non-existent
NGOs	Fair
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

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

No relevant Committee recommendations to implement

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

The Property used to be inscribed in the Endangered list for more than 10 years. In that period, the State Party undertook many activities in response to the recommendations in the World Heritage Committee decisions related to establishment of a monitoring system, provision of particular conservation measures, which eventually brought to improvement of the conservation status. Currently, apart from recomendations from the WHC, additional conservation measures are being implemented.

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

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.2	Protective Measures	
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	×
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	×
5.3	Management System/Management Plan	
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	Some use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
5.3.11	There is coordination between the range of administrative bodies involved in the management of the property, but it could be improved	
5.3.17	• In a limited manner, the management system of the World Heritage property does provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)	×
6.1	Funding	
6.1.3	The available budget is acceptable but could be further improved to fully meet the management needs of the World Heritage property	
6.1.7	Human resources partly meet the management needs of the World Heritage property	×
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×
6.1.12	There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	×
8	Education, Information and Awareness Building	
8.2	There is a limited and ad hoc education and awareness programme for children and/or youth	×
9	Visitor Management	
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	×
9.9	Visitor use of the World Heritage property is managed but improvements could be made	
9.11	There is contact but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this is largely confined to administrative or regulatory matters	
10	Monitoring	

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10.1	There is considerable monitoring at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	×
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	×
Pleas	se select -2 more issues.	
Ŋ Ple	ease save this question to reflect changes	

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

12.1.1 - S	ummary - Fact	ors affecting	the Property							
4.2	Transportati	on Infrastructure								
4.2.4	Marine transport infrastructure	Lake habitat	Not planned as there i conflict of managemer goals.	the prop a 24/7 sy monitoria	level readings. In the property there is a 24/7 system monitoring the water level in the		determined. Ex of the Mi		ive Agency for ation and Maintenance Danube River under vernance of the y of Transport and unications of the lic of Bulgaria	River shipping routes are in close vicinity to the property. Periodic dredging of the river bed is necessary for waterway maintenance. It influences water levels in the river and consequetively the water balance in the property.
4.4	Pollution									
4.4.2	Ground water pollution	Living condition lake habitat	Not planned a actions should undertaken of higher level. To conflicts of mainterests betward conserva-	d be n much There is also anagement veen farming	No informa available	tion	Not planne	ed	Ministry of Agriculture of the Republic of Bulgaria	Ground water pollution is mainly resulting from use of artificial fertilizers in farming. Policies and control mechanisms are outside of the scope of the management of the WHP.
4.4.3	Surface water pollution	Living condition lake habitat	Not planned a actions should undertaken on higher level. Toonflicts of minterests betwand conserval.	d be n much There is also anagement veen farming	No informa available	tion	Not planne	ed	Ministry of Agriculture of the Republic of Bulgaria	Surface water pollution is mainly resulting from use of artificial fertilizers in farming. Policies and control mechanisms are outside of the scope of the management of the WHP.
4.8	Social/Cultu	ral uses of herita	ge							
4.8.5	Identity, social cohesion, changes in local population and community	Biodiversity is affected	In relation to poaching, joint actions are take between the Ri inspectorate of environment ar water - Ruse at Ministry of the aimed at preve of illegal action catching of the offenders.	impen act egional con nd nd the Interior, nting	e control over olementation o tivities is carrie nstantly.	of illegal	Permanent		Regional Inspectorat of environment and water for the town of Ruse and Ministry of interior.	material well-being of the local population,
4.10	Climate char	nge and severe w	eather events							
4.10.3	Drought	Lake habitat living condition	ons in it feasibility s construction system for filling of the water from River under	n of a artificial lake with the Danube r severe nditions but has been	There is 24 automated monitoring for water le reading in t property.	systems	Possibly ur 2027 fundir feasibility s may be pro	ng for tudy	Regional Inspectorate environment and water Ministry of Environmen and Waters of the Republic of Bulgaria	insufficient water level

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									necessary.	
4.10.6	Temperature change	Wildlife populations and all habitats with the property	•	of	eneral monitorin weather nditions	ng Not	determined	Institute of Meteorology and Hidrology under th Ministry of Environmen and Waters	e temperature conditions	
4.11 Sudden ecological or geological events										
4.11.5	Erosion and siltation/Deposition	Lake habitat n	Construction of a canal providing i lateral connective the Danube Rive	mproved ity with	Regular rese monitoring u end of 2023		The end of 2023	Regional Inspectorate of Environment and Waters - Ruse	The ongoing construction of a new canal improving water circulation will minimize the deposition of silt, will improve the export of slit out of the lake and will improve water conditions.	
4.12	Invasive/alien s	pecies or hyper-abu	indant species							
4.12.3	Invasive/Alien freshwater species	Biodiversity	Periodic pro aimed at cor invasive veg	ntrol of	Periodic monit of the success control activitie	of	Permanent	Regional Inspectorat of Environment and Waters - Ruse, Minis of Environment and Waters, various research institutions	species is a	
4.12.5	Hyper-abundant I species	Biodiversity	Periodic actions reduction of the shyper-abundants	spread of	Monitoring o spread of the species of m	Э	Permanent	Regional Inspectorate of Environment and Waters - Ruse, Ministry of Environment and Waters, various research institutions	Currently one project is undergoing focused at reduction of the main hyper-abundant species	
4.13	Management an	d institutional facto	rs							
4.13.2	Legal framework	WHP as a N whole	lot planned	Not exerc	sised	Not determ	ined	Government and Parliament of the Republic of Bulgaria	There are deficiencies in applying the preventive effect of the legal framework on potential violators in the broader setting and hence in the WHP. In the judicial system, there are practices according to which violators are not adequately punished, which is why the sanctions do not have a preventive effect on them (normally there are not adequate punishments imposed on the violators of the regimes in the WHPs).	

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

5.2	Protective Measur	res			
		Actions	Timeframe	Lead agency (and others involved)	More info / comment

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5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	A number of changes in the are needed.		Not determined		Government and Parliament of the Republic of Bulgaria			The deficiencies are related to the limited authorities of the staff working at WHPs (including field guards). The staff does not have the right to demand identity documents from the violators, which is why in many cases the offenders cannot be identified and detained until the intervention of the law enforcement agencies.		
5.2.5	An adequate legal framework exists for the broader setting of the World Heritage property and the buffer zone, but there are some deficiencies in implementation which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	A number of changes in the are needed.		Not determined.		Government and Parliament of the Republic of Bulgaria.			In the judicial system, there are practices according to which violators are not adequately punished, which is why the sanctions do not have a preventive effect on them (normally there are not adequate punishments imposed on the violators of the regimes in the WHPs).		
5.3	Management Syste	em/Manageme	ent Plan								
5.3.7	Some use has been the Policy Documen Impacts of Climate C World Heritage Prop property	t on the Change on	Specific climaresearch are	ate change-ori needed	ented	Not determin	ned	Regional inspectorate environment and water the town of Ruse and Bulgarian Academy of Science		More research is needed to identify the property's vulnerability to climate change and the particular elements of climate change prospected.	
5.3.9	Some use has been the Strategy for Red from Disasters at Wo Heritage Properties property	ucing Risks orld		nt as many elements of egy as applicable.		Not determined		Regional inspectorate for environment and water for the town of Russe, Ministry of Environment and Waters		Implement as many elements of the strategy as applicable.	
5.3.17	• In a limited manner, the management system of the World Heritage property does provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)		Not determin		Ministry of Environment and Waters of the Repu of Bulgaria			Conservation of nature is the primary management goal of the WHP. Use of nature products is very limited and increase of it is not planned.			
6.1	Funding										
6.1.7	Human Not planned resources partly meet the management needs of the World Heritage property			Not determined		Government of Republic of Bulgaria.		1 2 4 9	The Law on Administration provides that, in general, the number of personnel of the administration of the executive power cannot be increased. A general change of government policies is needed to ensure the needs related to the management of the protected territories - exclusive state		

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								property incl. and the current World Heritage Site.		
6.1.10	Some use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	en made of strategy as applicable. World writage categy for spacity evelopment at world writage		Not determined		Regional inspectorate of environment and water for the town of Ruse, Ministry of Environment and Waters		Currently not available		
6.1.12	programme in place; management is	There is no site-based capacity building plan or programme in place; management is implemented by external staff and skills are		Not determined		Ministry of Environment and Waters of the Republic of Bulgaria, Regional Inspectorate of Environment and Waters - Ruse; Scientific and research organizations.		As the Ministry of Environment and Waters is the main governing body it's up to it to address the management capacity needs. Nevertheless other research and scientific organizations can determine those needs in accordance with best pracitces.		
8	Education, Informa	tion and Awareness Building								
8.2	There is a Development of an education strategy. Not determine the dete		letermined	Ministry of Education and Ministry of Environment and Waters;			Education about World Heritage Convention needs to be integrated in public education strategy.			
9	Visitor Managem	ent								
9.7	There is a strategy to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are some deficiencies in implementation	More personell is needed in order to successfully manage the visitor activities in part of the buffer zone of the Property.	Not de	termined	Wa	histry of Environment and iters, Regional inspectorate of vironment and water for the vn of Ruse.	accone Maricate and allo carri and sam maricese - Pri to s	e category of the Property ording to national legislation is of the strictest, namely a naged reserve corresponding to agory IV of the IUCN classification in the tourism development is wed in it. Tourist activities are ried out in part of the buffer zone it the adjacent territories, and the neare regulated by the nagement plans of the Managed arve (Property) and its buffer zone otected area "Pelikanite". In order uccessfully manage the tourist no more staff is needed.		
9.12		NA NA		NA			que rese has	The algorythm of the stionnaire does not automatically at the summary after an answer been altered. This issue needs to addressed in the future!		
10	Monitoring									
10.1	There is considerable monitoring at the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	Development of a monitoring plan that addresses the management needs of the Property. Integration of different monitoring results for use by the managing bodies.	Not de	etermined	Env Min Exe Sci	gional Inspectorate of vironment and Waters - Ruse, istry of Environment and Waters; ecutive Environmental Agency, entific and research anizations		A management oriented monitoring strategy needs to be developed and implemented.		

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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	Development of a monitoring plan that addresses the management needs of the Property, determine the status of key indicators and identify the needed resources for the purpose.	Not determined	Regional Inspectorate of Environment and Waters - Ruse, Executive Environmental Agency, Ministry of Environment and Waters, Scientific and research organizations	The necessary actions have already been defined in question 10.1
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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?
- 12.3.2 Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?
- 12.3.3 Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?
- 12.3.4 What is the current state of the property's other values?
- 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	Very positive
Research and monitoring	Very positive
Management effectiveness	Positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Very positive
Education	Very positive
Infrastructure development	No impact
Funding for the property	Very positive
International cooperation	Very positive
Political support for conservation	No impact
Legal/Policy framework	Positive
Advocacy	Very positive
Institutional coordination	Positive
Security	Positive
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	Not applicable
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	

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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

A number of activities aimed at improvement of the ecological state of the property have been carried out. Most recent include afforestation of over 20 ha for the restoration of a forest habitat, construction of nesting facilities for Dalmatian pelicans to protect the nests from attacks of carnivores, construction of a canal providing and improving lateral connectivity with the Danube river. There have also been educational projects involving school students who take and research water samples with cooperation of science workers. Monitoring and research were supported by the development of a video surveillance system.

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

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
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	Fair
UNESCO World Heritage Centre	Fair
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Fair

15.2. Use of Data

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

Update of management plans	
Fundraising	
Awareness raising	

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

In the development of the future update of the management plan of the WHP will be taken into consideration the data, conclusions and recommendations resulting from the current periodic reporting. The State party and the Management body will take opportunity for fundraising and awareness raising for implementation of activities related to the results of the Periodic reporting.

15.3. Timing and resources

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

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire? Gender balance has **not been explicitly** considered or implemented in the process.

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

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

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

	Additional resources	No	Yes
15.3.5.1	Human resources	×	



15.4. Format and content of the Periodic Report

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

Most required information was accessible.

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

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

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

It is impossible to generalize all different situations in universal answers so it is important to have the option to comment and provide additional information on every particular matter. Character number for comments should be increased.

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	No support
UNESCO (other sectors/field offices)	No support
UNESCO National Commission	Fair
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	Poor
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?

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

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

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

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

• Map(s)

Reason for update: After examination of the map, presented to and adopted by the World Heritage Committee in 2007 (which is also uploaded at the WH website as official map of the Proerty) it was established that there is an error admitted at the time in the map itself. There is a piece of land in the lower part of the map which is not part of the WHP and is not included in its general surface of 638 ha. This land has been wrongly pointed in the map as part of the WHP. The land in question is and was municipal property and has never been part of the Managed reserve and the World Heritage Property. This land is part of the WHP's buffer zone. The total surface area of the WHP that has been approved by the WHC is 638 ha, and does not include the land in question. Please take note that this is a purely technical error and it is not related to actual modification of the boundaries. We attach a map the correctly reflected borders of the WHP and buffer zone. According to the Bulgarian legislation (Srebarna Managed reserve) and the World heritage property are exclusively state property and as such are managed by the State in the face of the Ministry of environment and water and the Regional inspectorate for environment and water for the town of Rousse.

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- 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.

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