

# Central Suriname Nature Reserve

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Central Suriname Nature Reserve

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Central Suriname Nature Reserve	4 / -56.5	1600000	0	1600000	2000
<b>Total (ha)</b>		<b>1600000</b>	<b>0</b>	<b>1600000</b>	

### 1.4 - Map(s)

Title	Date	Link to source
Central Suriname Nature Reserve	1999	

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

1. [Natural site datasheet from WCMC](#)

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

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

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

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

We are only party of Ramsar Convention; no party of other Conventions/Programmes mentioned in questions 2.

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

No

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

No

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

No

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

No

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

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

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

Not applicable.

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

No

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

No

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

No

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

Not applicable.

## 3. Statement of Outstanding Universal Value

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

#### Statement of Outstanding Universal Value

##### Brief synthesis

The Central Suriname Nature Reserve was established in 1998 to link up three pre-existing Nature Reserves named Raleighvallen, Eilerts de Haan and Tafelberg. Through the addition of significant areas in the process, the property now forms an immense protected area covering around eleven percent of the national territory. The 1,592,000 hectares are mostly comprised of primary tropical forest in west-central Suriname, a part of the Guiana Shield within the phylogeographic limits of Amazonia. The Reserve protects the upper watershed of the mighty Coppename River, as well as the headwaters of a number of other important rivers, covering a broad range of topography, ecosystems and habitats. Several distinctive geological and physical formations occur in the Central Suriname Nature Reserve, including granite inselbergs that rise up to 360 m.a.s.l. above the surrounding tropical forest. The eastern-most table top mountain or "Tepui" of the Guiana Shield is located in the Reserve and there is the Wilhelmina Mountain Range in the South culminating at Juliana Top, Suriname's highest elevation at 1,230 m.a.s.l.

The property is of notable conservation value due to its large scale and pristine state as an uninhabited and unhunted region. Its montane and lowland forests contain a high diversity of plant life with almost 5,000 vascular plant species collected to date, many of them endemic. There are also areas of swamp forest, savannah and xerophytic vegetation on the granite outcrops. Among the Reserve's 400 recorded bird species are the charismatic Harpy Eagle, Guiana Cock-of-the-Rock, and Scarlet Macaw and there are viable populations of numerous mammals typical of the region, including Jaguar, Giant Armadillo, Giant River Otter, Lowland Tapir and eight species of primates. Much of the property has yet to be inventoried and the true extent of the area's diversity is not fully known. Pre-Colombian cultural artefacts and petroglyphs have been found near rivers and creeks in different parts of the property, suggesting a potentially significant cultural heritage hidden within the vast and almost inaccessible property.

**Criterion (ix):** The property encompasses significantly diverse topography and soils. The altitudinal gradient, ranging from 25 m.a.s.l. to Suriname's highest elevation at 1,230 m.a.s.l., spans almost the entire possible range. These conditions have resulted in an extraordinary variety of ecosystems, habitats and ecological niches of global conservation importance. Besides vast tracts of dense tropical lowland forest there are swamp forests, rare rocky savannas, and visually stunning granite inselbergs, all harbouring specialised communities of flora and fauna. To this day, this ecosystem variation has been allowing organisms to move in response to disturbance, adapt to change and maintain gene flow between populations in one of the few remaining areas of vast and undisturbed forests in the wider Amazonian region, practically free of direct human impacts. Viable populations of large top predators indicate a nearly pristine state, rendering the property into an invaluable scientific reference to better understand the natural dynamics of the undisturbed forest ecosystems.

**Criterion (x):** The site contains a stunning diversity of plant and animal species, many of which are endemic to the Guiana Shield and globally vulnerable, threatened or endangered. Due to its location on the Eastern edge of the Precambrian Guiana Shield the property contains a distinct assemblage of species compared to the rest of the Guiana Shield region. Some 6,000 plant species have been recorded in yet incomplete inventories. Of the 1,890 known species of vertebrates in Suriname, at least 65 are endemic to the country and likely occur within the property. Many of the species are endemic to the property or even small areas within the property, such as the ecologically and geologically remarkable individual granite inselbergs. The large and undisturbed property is of major importance for viable populations of several rare species such as Guianan Cock-of-the-Rock and Giant River Otter. Research expeditions routinely reveal species of fauna and flora previously unknown to science.

Integrity

While large parts of the Guiana Shield and Amazon regions are rapidly being transformed by logging, hunting, mining and settlement, the Central Suriname Nature Reserve can still be characterized as an intact conservation of a large scale. It remains for the most part inaccessible, unaffected by human activity, keeping its variety of ecosystems and high diversity of plant and animal species with a notable degree of endemism well preserved. The inaccessibility affords the property an effective - if unofficial - "buffer zone" of nearly 100 miles in almost all directions. The ecosystems within the property are intact and sufficiently large to include entire and viable populations and interrelated communities of flora and fauna. The remoteness of the property has thus far protected it, but at the same time has also limited conservation activities there. As development pressures build up around the reserve it is likely that, in future, threats may arise which may affect on-going ecological and biological processes in the evolution and development of terrestrial and freshwater ecosystems and communities of plants and animals.

Protection and management requirements

The protected areas preceding today's property were set up in 1960s and later brought together and significantly amended in 1998 when the large, entirely state-owned Central Suriname Nature Reserve was established. The central piece of legislation is Suriname's Nature Protection Act of 1954, prohibiting any activity that will negatively affect the integrity of nature reserves. According to the Act, the Head of the Suriname Forest Service (LBB) is responsible for managing all nature reserves and for handling all matters regarding nature conservation, including law enforcement. The operational management of the property is entrusted to the Nature Conservation Division (NB) of the Suriname Forest Service, which is assisted by the Foundation for Nature Conservation in Suriname (STINASU), a semi-governmental organization focusing on nature-based tourism and research in support of Suriname's governmental protected areas efforts. Management plans covering the entire property are to be produced for five year periods and amended by operational plans. Complementary business plans are desirable in the medium and long term. Although there are no permanent human inhabitants within the property, consultation with local resource-dependent communities in the vicinity are required. According to some observers, nearby Maroon communities, descendents of slaves, and Trio indigenous communities may have been affected by the creation of the Central Suriname Nature Reserve.

One challenge for the remote Central Suriname Nature Reserve is a lack of adequate resources and capacities. This is likely to become more acute in case of the expected scenario of mounting pressure on the property's resources. To develop the necessary capacity and ensure long-term financing, the Government of Suriname has joined forces with international conservation organizations and multilateral agencies. Diversified funding strategies are needed to ensure financing beyond the duration of individual projects. Tourism is in its infancy with some potential for localized interventions near a number of airstrips allowing access but unlikely to significantly contribute to covering management costs. Arguably the most serious long term challenge are the rich mineral and timber resources in and near the property. Several exploratory mining and logging concessions have been granted North, East and West of the property. Prospecting for gold occurs at the Northern tip of the property and major Bauxite deposits have been confirmed in the Bakhuis Mountains to the West of the Reserve. Careful assessment and planning is needed to ensure that future development will be adequately managed to prevent impacts incompatible with World Heritage status. A buffer zone could help balance development and conservation in sensitive areas near the property.

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	Ecosystem Forest: human error in the execution of the coordinates of the borders in North East and North West. Consisting of tropical forest.		✗		
3.2.2	Voltzberg: Melanus cactus (Bolcactus) is almost extinct on the top.			✗	
3.2.3	Voltzberg: Melanus cactus (Bolcactus) is almost extinct on the top.			✗	
3.2.4	Tafelberg: Illegal access by air to this berg without the knowledge of management.		✗		
3.2.5	Bakhuis Mountains: Potential Hydro electric dam.		✗		

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

Solution for the rectification on the coordinaties of the borders of the Central Suriname Nature Reserve. Demarcation of the corrected borders of the Reserve.


## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Current, Inside

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

#### 4.1.2 - Commercial development

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant			✕ Not relevant				
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#### 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Current, Inside

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

#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (30/07/2012):

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

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

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

- Housing: No communities within the protected area (PA). Due to covid-19: less visitors; Lack of staff and personnel to maintain buildings and development. - No commercial development because of wilderness area; it is pristine tropical rainforest. - Border dispute with logging concessions in the North West and North east due to human error in projecting the borders.

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (30/07/2012):

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

Relevant	✕ Not relevant
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#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 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

Two main access possibilities are by air and by through the rivers (marine). The potential impact is from local communities and it stable due to covid-19 pandemic. Lower traffic. Only transport by water has a negative impact by the use of outboard motors.

### 4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (30/07/2012):

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

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

Non-renewable: Generator is used only for 3-4 hours. Impact is low. Utilities: Local communities provide transportation by boat. Due to covid-19: low visitors, traffic is low.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (30/07/2012):

- Not relevant









Relevant	<input checked="" type="checkbox"/> Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (30/07/2012):

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

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

 Negative 							
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#### 4.4.6 - Input of excess energy

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	 Not relevant
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#### 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


Marine pollution: low due to use of outboard motors on the river for transportation. Potential threat. Solid waste pollution is decreasing due to Covid-19 pandemic. Less visitors.

### 4.5. Biological resource use/modification

#### 4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (30/07/2012):

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

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

#### 4.5.2 - Aquaculture

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.5.3 - Land conversion

Previous answer Cycle 2 (30/07/2012):

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

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

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

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Current, Potential, Outside

Relevant	 Not relevant
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#### 4.5.5 - Crop production

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Current, Potential, Outside

Relevant	 Not relevant
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#### 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (30/07/2012):


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

Relevant	 Not relevant
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#### 4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (30/07/2012):

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

Relevant	 Not relevant
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#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (30/07/2012):

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

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

#### 4.5.9 - Subsistence hunting

Previous answer Cycle 2 (30/07/2012):

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

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

#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (30/07/2012):

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

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

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

Land conversion takes place outside near the borders of the PA, but has an impact on the inside. We do not have a formal bufferzone that is protected. Also the hydrology will be impacted. Commercial wild plant collection: we do not have an oversight on this matter, because of the remoteness of the area and the concessions near the logging borders that create accessibility, there may be potential threat. Subsistence wild plant collection: Palm species (Truly) that is used for housing. Wild truly

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.6.2 - Quarrying

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.6.3 - Oil and gas

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.6.4 - Water (extraction)

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Negative, Potential, Inside

Relevant	✕ Not relevant
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**4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively**

4.7. Local conditions affecting physical fabric

#### 4.7.1 - Wind

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside

Relevant	✕ Not relevant
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#### 4.7.2 - Relative humidity

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.3 - Temperature

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.4 - Radiation/Light

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.7.5 - Dust

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside

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

#### 4.7.7 - Pests

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

Due to climate change, most factors are relevant but they are not registered.

**4.8. Social/Cultural uses of heritage**

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

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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**4.8.2 - Society's valuing of heritage**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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**4.8.3 - Indigenous hunting, gathering and collecting**

Previous answer Cycle 2 (30/07/2012):

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

Relevant	<input checked="" type="checkbox"/> Not relevant
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**4.8.4 - Changes in traditional ways of life and knowledge system**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

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

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Negative, Potential, Inside

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

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

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Negative, Potential, Inside

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

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

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







The communities are outside the PA, but their traditional way of living stretches far inside of the PA. The communities are now going towards commercial logging. This can be observed by the internal disputes on sharing of benefits.

**4.9. Other human activities**

#### 4.9.1 - Illegal activities

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.9.3 - Military training

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.9.4 - War

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.9.5 - Terrorism

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

#### 4.9.6 - Civil unrest

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

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

Illegal activities: Tourism, Mining, illegal hunting, wildlife collection.

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

##### 4.10.1 - Storms

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside, Outside

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

##### 4.10.2 - Flooding

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

##### 4.10.3 - Drought

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

#### 4.10.4 - Desertification

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

#### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

#### 4.10.6 - Temperature change

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside, Outside

Relevant

✕ Not relevant

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

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

Temperature may be impacted, but it is not measured.

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.2 - Earthquake

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (30/07/2012):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside, Outside

Relevant

✕ Not relevant

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

4.12. Invasive/alien species or hyper-abundant species

**4.12.1 - Translocated species**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

**4.12.2 - Invasive/Alien terrestrial species**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

**4.12.3 - Invasive/Alien freshwater species**

Previous answer Cycle 2 (30/07/2012):

- Relevant, Negative, Potential, Inside, Outside

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

**4.12.4 - Invasive/Alien marine species**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

**4.12.5 - Hyper-abundant species**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

**4.12.6 - Modified genetic material**

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

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

4.13. Management and institutional factors

**4.13.1 - Management system/Management plan**

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

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕	✕	✕	✕		📉		
🔴 Negative							
















**4.13.2 - Legal framework**

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

	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✕	✕	✕	✕			➡	
🔴 Negative							

**4.13.3 - Governance**






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

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

#### 4.13.4 - Management activities

Previous answer Cycle 2 (30/07/2012):

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

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

#### 4.13.5 - Financial resources

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

#### 4.13.6 - Human resources

Relevant				 Not relevant			
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#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (30/07/2012):

- Relevant, Positive, Current, Inside, Outside

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

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

Previous answer Cycle 2 (30/07/2012):

- Not relevant

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

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






Financial resources will be available from GEF 7. Low impact research/monitoring activities: cameratraps used for monitoring.

#### 4.14. Other factor(s)

#### 4.14.1 - Other factor(s)

#### 4.15. Factors Summary Table

#### 4.15.1 - Factors Summary Table

Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.1 Housing						
4.1.2 Commercial development						

4.1.4 Major visitor accommodation and associated infrastructure						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.3 Air transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
4.4 Pollution						
4.4.5 Solid waste						
4.5 Biological resource use/modification						
4.5.1 Fishing/collecting aquatic resources						
4.5.3 Land conversion						
4.5.8 Commercial hunting						
4.5.9 Subsistence hunting						
4.5.10 Forestry/Wood production						
4.6 Physical resource extraction						
4.6.1 Mining						
4.7 Local conditions affecting physical fabric						
4.7.4 Radiation/Light						
4.7.6 Water (rain/water table)						
4.8 Social/Cultural uses of heritage						
4.8.4 Changes in traditional ways of life and knowledge system						
4.8.5 Identity, social cohesion, changes in local population and community						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.9 Other human activities						
4.9.1 Illegal activities						
4.10 Climate change and severe weather events						

4.10.2 Flooding						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
4.13.2 Legal framework						
4.13.3 Governance						
4.13.4 Management activities						
4.13.5 Financial resources						
4.13.7 Low impact research/monitoring activities						
<b>Legend</b>	Current	Potential	Negative	Positive	Inside	Outside

## 4.16. Assessment of current and potential positive and negative factors

### 4.16.1 - Assessment of current and potential negative and positive factors




#### 4.1 Buildings and Development

Name	Impact	Origin	Trend
4.1.1 Housing			

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



	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.1.2 Commercial development			
	  		





<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major






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

<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure	 		
	 		

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	Widespread




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

Name	Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities						
						







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

	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
✕	Decreasing
	Static
	Increasing

## 4.2 Transportation Infrastructure

Name	Impact	Origin	Trend
4.2.3 Air transport infrastructure			
	  		

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

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

<b>Spatial scale - Area affected by the factor</b>	
✕	Restricted
	Localised
	Extensive

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



## 4.4 Pollution

Name	Impact			Origin		Trend
4.4.5 Solid waste						




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

	Medium capacity
✕	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

## 4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.1 Fishing/collecting aquatic resources			
			

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

Name	Impact	Origin	Trend
4.5.3 Land conversion			
			






<b>Spatial scale - Area affected by the factor</b>
--

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

Name	Impact			Origin		Trend
4.5.8 Commercial hunting						
	⊖	🚫	🚧		🔄	➡

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

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






Name	Impact	Origin	Trend
4.5.9 Subsistence hunting	  		

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

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

Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major



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

Name	Impact	Origin	Trend
4.5.10 Forestry/Wood production	  		

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

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

## 4.6 Physical resource extraction




Name	Impact			Origin		Trend
4.6.1 Mining						
						

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




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

#### 4.7 Local conditions affecting physical fabric

Name	Impact	Origin	Trend
4.7.4 Radiation/Light	 		

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






Name	Impact	Origin	Trend
4.7.6 Water (rain/water table)	 		

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

#### 4.8 Social/Cultural uses of heritage

<b>Name</b>		<b>Impact</b>			<b>Origin</b>		<b>Trend</b>
4.8.4 Changes in traditional ways of life and knowledge system							
<b>Spatial scale - Area affected by the factor</b>							
X	Restricted						
	Localised						
	Extensive						
	Widespread						
<b>Temporal scale - Occurrence of the impact</b>							
X	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
<b>Impact - Impact on the attributes</b>							

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

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

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

Name	Impact	Origin	Trend
------	--------	--------	-------

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

## 4.9 Other human activities

Name	Impact	Origin	Trend
4.9.1 Illegal activities			
<b>Spatial scale - Area affected by the factor</b>			
	Restricted		
	Localised		
	Extensive		
	Widespread		
<b>Temporal scale - Occurrence of the impact</b>			
	One off or rare		
	Intermittent or sporadic		
	Frequent		
	On-going		

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






## 4.10 Climate change and severe weather events

Name	Impact			Origin		Trend
4.10.2 Flooding						

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

Increasing

#### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  		

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

	Restricted
✕	Localised
	Extensive
	Widespread

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

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

##### Impact - Impact on the attributes





	Insignificant
✕	Minor
	Significant
	Major

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

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

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

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	  		






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

	Restricted
	Localised
	Extensive
✕	Widespread

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








	One off or rare
	Intermittent or sporadic

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

Name	Impact	Origin	Trend
4.13.3 Governance	  	 	

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

	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	 	 	
	 		

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

✕	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

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

#### Impact - Impact on the attributes







	Insignificant
✕	Minor
	Significant
	Major

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

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

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

	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.5 Financial resources	 	 	
	 		

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




✕	Restricted
	Localised
	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

✕	One off or rare
	Intermittent or sporadic



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

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

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

×	Static
	Increasing

#### 4.17. 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	Ecosystem Forest: human error in the execution of the coordinates of the borders in North East and North West. Consisting of tropical forest.	×			
4.18.1.2	Voltzberg: Melanus cactus (Bolcactus) is almost extinct on the top.		×		
4.18.1.3	Illegal extraction of key species of the Cock of the rock (Rupicola rupicola).		×		
4.18.1.4	Tafelberg: Illegal access by air to this berg without the knowledge of management.		×		
4.18.1.5	Bakhuis Mountains: Potential Hydro electric dam.		×		

### 5. Protection and Management of the Property

#### 5.1. Boundaries and Buffer Zones

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

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

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

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

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

The property has **no buffer zone, but there is a need for one**

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

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

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

The Ministry of Land Policy and Forest Management (GBB) together with the Management Institution for Land registration and Land Information System (MI-GLIS), as state surveyer, have made some correction regarding the borders as stated in the state order establishment CSNR. The revision will be done by the Ministry responsible for the site (GBB) through the revision and publication of the corrected borders in a State Resolution including the corrected map of the CSNR.

#### 5.2. Protective Measures

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

The Central Suriname Nature Reserve (CSNR) was established by Presidential Decree in 1998, and is protected under the Nature Preservation Law (1954) which is the legal basis for the establishment of nature reserves. The 1992 Forest Management Act of 1992 provides for the sustainable management of forest concessions.

Source: Nomination File

#### Comment

The Central Suriname Nature Reserve (CSNR) was established by State Resolution 1998 N°65, on the 31st of July, and is protected under the Nature Preservation Law (1954) which is the legal basis for the establishment of nature reserves.

**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?**

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

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

The property has **no buffer zone**

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

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 **acceptable capacity/resources** to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain

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

Preparations for the correcting the right borders linked to the State Resolutions.

5.3. Management System/Management Plan

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

Other

If 'Other', please specify

State Foundation

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

A statutory Management Plan or zoning plan for the property.
Governance mechanisms that foster and respect traditional practices, knowledge and uses of the property

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

Local management through STINASU staff.

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Final Draft Management Plan Central Suriname Nature Reserve (CSNR)	N/A	Available	2003	

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

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

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

Not applicable.

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

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

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

Not known.

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

**No use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

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

Not applicable.

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 **little coordination** between the range of administrative bodies involved in the management of the property

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

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

5.3.13 - Is the management system being implemented?

The management system is being **only partially implemented**

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

An annual work/action plan **exists but few 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
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5.3.15.1	Local communities			×		
5.3.15.2	Local authorities				×	
5.3.15.3	Landowners in the property and the buffer zone		×			
5.3.15.4	Indigenous peoples			×		
5.3.15.5	Women			×		
5.3.15.6	Other specific groups		×			
	If you selected, 'Other specific groups' please specify	Logging communities.				

**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	Logging communities, hunters.				

**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**

N/A

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

Budget constraints on the implementation of the management plan and annual 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.)	%	%
6.1.1.2	Bilateral international funding	%	%
6.1.1.3	World Heritage Fund (International Assistance)	%	%
6.1.1.4	Contribution from other conventions and programmes	%	%
6.1.1.5	International donations (NGOs, foundations, etc.)	%	%
6.1.1.6	Governmental (national/federal)	%	%
6.1.1.7	Governmental (regional/provincial/state)	%	%
6.1.1.8	Governmental (local/municipal)	%	%
6.1.1.9	In-country donations (NGOs, foundations, etc.)	%	%
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	%	%
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	%	%
6.1.1.12	Other	%	%
		Total 0 %	Total 0 %

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

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

The available **budget is inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

The existing sources of funding are **not secure**

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

Infrastructure is now degraded.

**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	%	%
6.1.6.2	Women	%	%
		Total 0 %	Total 0 %

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

Human resources are **inadequate** for management needs

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

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

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

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

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

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

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

N/A

**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**

Most of the funding are determined at the higher levels of government, which makes it difficult to know the percentage of finances available. Support is needed to enhanced human resources related issues.

**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 **no research** taking place in the World Heritage property **despite an identified need**

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

Research results are **not shared at any level**

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

Draft management plan for the CSNR, should be evaluated and revised if necessary and endorsed by the Ministry of GBB. Conservation action plan needs to be developed and biodiversity and regular METT assessment needs to be done for the CSNR. External funding is needed for this.

**8. Education, Information and Awareness Building**

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

Local communities	Fair
Local/municipal authorities	Fair
Indigenous peoples	Poor
Landowners	Not applicable
Women	Poor
Youth/children	Poor
Researchers	Fair
Local visitors	Fair

National/international tourists	Fair
Tourism industry	Fair
Local businesses and industries	Poor
NGOs	Fair
Other specific groups	Non-existent
If you selected 'Other specific groups', please describe	

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

There is **no** education and awareness programme for children and/or youth, despite an identified need

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

Local communities
Indigenous peoples
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs

## 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	Not provided but needed
Site museum	Not provided but needed
Information booths	Not provided but needed
Guided tours	Poor
Trails/routes	Poor
Printed information materials	Poor
Online (website, social media, etc.)	Not provided but needed
Transportation facilities	Not provided but needed
Other	Not needed
If 'Other' is selected, please specify	

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

To develop a national awareness programme for targeted audiences and users.

## 9. Visitor Management

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

0 / 0 / 0 /

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

Entry tickets and registries

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

Two overnight stays

### 9.4 - Please provide the source of information

STINASU booking registry

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

## 9.6 - Please provide the source of information

STINASU

## 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

A Visitor Management plan should be developed.

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

There is **some management** of the visitor use of the World Heritage property

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

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

The Outstanding Universal Value of the property is **not adequately presented and interpreted**

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

Not displayed at all

## 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?

Yes

If 'Yes', please specify

Catch and release fishing.

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

Yes

If 'Yes', please specify

Local guides and boat transportation are provided by local communities

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

The necessity of the development of a visitors management plan and the introduction of an entrance fee.

## 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 **no monitoring** taking place at the World Heritage property or buffer zone despite an identified need

### 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 **sufficient to define key indicators, but this has not been done**

### 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	Poor
Local/municipal authorities	Poor
Local communities	Poor
Indigenous peoples	Poor
Landowners	Poor
Women	Poor
Researchers	Poor
Tourism industry	Poor
Local businesses and industry	Poor
NGOs	Poor
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.

N/A

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

Set up monitoring plan

### 11. Identification of Priority Management Needs

#### 11.1 - Identification of Priority Management Needs

5.1	<b>Boundaries and Buffer Zones</b>	
5.1.3	The property has <b>no buffer zone, but there is a need for one</b>	✗
5.1.4	The buffer zones of the World Heritage property <b>are not known and recognised by the management authority or local communities/landowners</b>	
5.2	<b>Protective Measures</b>	
5.2.3	An <b>adequate legal framework</b> for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists <b>but there are some deficiencies in implementation</b>	
5.2.4	The property has <b>no buffer zone</b>	✗
5.2.5	An <b>adequate legal framework</b> exists for the broader setting of the World Heritage property and the buffer zone, <b>but there are some deficiencies in implementation</b> which undermine the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the property	
5.2.6	There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	✗
5.3	<b>Management System/Management Plan</b>	
5.3.5	<b>No use</b> has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	
5.3.11	There is <b>little coordination</b> between the range of administrative bodies involved in the management of the property	✗
5.3.12	The management system/plan is <b>only partially adequate</b> to maintain the property's Outstanding Universal Value	
5.3.13	The management system at the property is <b>only being partially implemented</b>	
5.3.14	An annual work/action plan <b>exists for the property but few of the activities are being implemented</b>	
5.3.17	<ul style="list-style-type: none"> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to fostering inclusive local economic development, and to enhancing livelihood</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property</b></li> </ul>	✗

6.1	<b>Funding</b>							
6.1.3	The available <b>budget is inadequate</b> for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property							✕
6.1.4	Existing sources of funding are <b>not secure</b>							
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property							✕
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property							
6.1.12	There is <b>no site-based</b> capacity building plan or programme in place; management is implemented by external staff and skills are not transferred							
7	<b>Scientific Studies and Research Projects</b>							
7.2	There is <b>no research</b> taking place in the World Heritage property <b>despite an identified need</b>							✕
7.3	Research results are <b>not shared at any level</b>							
8	<b>Education, Information and Awareness Building</b>							
8.2	There is <b>no heritage education and awareness programme</b> for children and/or youth, despite an identified need							✕
9	<b>Visitor Management</b>							
9.7	There is <b>a strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>							✕
9.9	There is <b>some management</b> of the visitor use of the World Heritage property							
9.11	There is <b>limited cooperation</b> between those responsible for the World Heritage property and the tourism industry <b>to present the Outstanding Universal Value and increase appreciation</b>							
9.12	The Outstanding Universal Value of the property is <b>not adequately presented and interpreted</b>							
10	<b>Monitoring</b>							
10.1	There is <b>no monitoring</b> taking place in the World Heritage property or buffer zone despite an identified need							
10.2	Information on the values of the World Heritage property is <b>sufficient to define key indicators, but this has not been done</b>							
Please select 0 more issues.								
<input checked="" type="checkbox"/> Please save this question to reflect changes								

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

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

4.1	<b>Buildings and Development</b>						
4.1.1	Housing						
4.1.4	Major visitor accommodation and associated infrastructure						
4.2	<b>Transportation Infrastructure</b>						
4.2.5	Effects arising from use of transportation infrastructure						
4.5	<b>Biological resource use/modification</b>						
4.5.1	Fishing/collecting aquatic resources	Criteria: (ix)	Develop and implement visitors plan regarding fishing, collecting aquatic resources.	No specific monitoring at the moment	N/A	Suriname Forest Service	Number of visitors are very low because it's a wildness area. Small numbers of visitors use the watershed to travel to the protected area.
4.5.3	Land conversion	Criteria: (ix)	N/A because of the Status of Nature Reserve is a strictly protected area.	N/A	N/A	Suriname Forest Service	N/A

4.5.8	Commercial hunting	Criteria: (ix)	N/A because of the Status of Nature Reserve is a strictly protected area.	N/A	N/A	Suriname Forest Service	N/A
4.6	Physical resource extraction						
4.6.1	Mining	Criteria: (ix) The landscape and the watershed are deteriorated due to illegal gold mining.	N/A because of the Status of Nature Reserve is a strictly protected area.	Monitoring plan for patrol near the borders searching for illegal mining.	Yearly monitoring patrol	Suriname Forest Service	Possible illegal mining in the eastern border taking place.
4.9	Other human activities						
4.9.1		Illegal activities					
4.10	Climate change and severe weather events						
4.10.2	Flooding	Criteria: (ix) Flooding has no affects	Monitoring precipitations	Monitoring rainfall and waterlevel	Yearly	Suriname Forest Service	Yearly the is a natural flooding area during natural raining process.
4.13	Management and institutional factors						
4.13.4	Management activities	Criteria: (x)	Revive action plan	Revive action plan	Yearly	Suriname Forest Service and collaboration with University and Conservation International	Financement of management activities.

Question not completed

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.1.3	The property has <b>no buffer zone, but there is a need for one</b>	Land management authority was asked to investigate the State Resolution 1998, in regard to the borders of the protected area . The government needs to establish a new state resolution with the correct borders and the buffer zone.	In 1 year it has to be established.	Ministry of Lands and Policy Management and Judiciary Department need to prepare the State Resolution product. Government of Suriname has to approved the new State Resolution with the map with the correct borders of the area and buffer zone.	The demarcation of the protected areas and buffer zone are necessary.
5.2	Protective Measures				
5.2.4	The property has <b>no buffer zone</b>	Land management authority was asked to investigate the State Resolution 1998, in regard to the borders of the protected area . The government needs to establish a new state resolution with the correct borders and the buffer zone.	In 1 year it has to be established.	Ministry of Lands and Policy Management and Judiciary Department need to prepare the State Resolution product. Government of Suriname has to approved the new State Resolution with the map with the correct borders of the area and buffer zone.	The demarcation of the protected areas and buffer zone are necessary.
5.2.6	There is <b>acceptable capacity/resources</b> to enforce legislation and/or regulation in the World Heritage property but some deficiencies of enforcement remain	Recruiting and training of the protected area staff. Recruiting park rangers	1 year and a half	Suriname Forest Service in collaboration with JSOOC (Jan Starke Opleiding & Ontspanningscentrum).	Recruitment already started for 35 people to attend this training.
5.3	Management System/Management Plan				

5.3.11	There is <b>little coordination</b> between the range of administrative bodies involved in the management of the property	Increase collaboration with the national UNESCO Commission.	ASAP	Suriname Forest Service, Ministry Land Policy and Forest Management. National UNESCO Commission, Ministry of Education Sciences and Culture.	Regular consultations meetings between both agencies, two times at year. Every year conducting the METT (Management Effectiveness Tracking Tools).
5.3.17	<ul style="list-style-type: none"> <li>• In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>• In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to fostering inclusive local economic development, and to enhancing livelihood</b></li> <li>• In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property</b></li> </ul>	July 2022, UNESCO assists in developing a tourism Plan for CSNR (central suriname nature reserve)	In July 2022, UNESCO consultants will be in Suriname to prepare the tourism plan.	Suriname Forest Service and UNESCO's National Commission.	The tourism plan will considerate previously raised points.

6.1	<b>Funding</b>				
6.1.3	The available <b>budget is inadequate</b> for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property				

6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property				
7	Scientific Studies and Research Projects				
7.2	There is <b>no research</b> taking place in the World Heritage property <b>despite an identified need</b>				
8	Education, Information and Awareness Building				
8.2	There is <b>no heritage education and awareness programme</b> for children and/or youth, despite an identified need				
9	Visitor Management				
9.7	There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>				

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.**

Low budget is a concern.

### 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	No impact
Recognition	Very positive
Education	Positive
Infrastructure development	No impact
Funding for the property	Positive
International cooperation	Positive

Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Positive
Security	Positive
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Positive
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

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

Communication with UNESCO Commission Suriname should be improved.

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

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

The research that was done on primates and as a result a book was produced on the fruits of Suriname followed by a book: The fruits of the Guianas.

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

## 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?

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

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

### 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?

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

### 15.3. Timing and resources

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

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

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

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

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

	Additional resources	No	Yes
15.3.5.1	Human resources		×
15.3.5.2	Financial resources for organizing consultation meetings/ training	×	

#### 15.4. Format and content of the Periodic Report

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

##### 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

#### 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	
UNESCO (other sectors/field offices)	
UNESCO National Commission	
ICOMOS International	
IUCN International	
ICCROM international/regional	
ICOMOS national/regional	
IUCN national/regional	

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

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

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

Yes

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

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

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

No item were proposed for update

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

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

Due to lack of funding, no appropriate management of the site.

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