

## TEMPLATE FOR CANDIDATES



## THE FIRST 100 IUGS GEOLOGICAL HERITAGE SITES

- **Name of the *Geological Heritage Site (Global Geosites)***

The site should be named as it is usually referenced in scientific bibliography. Normally the name of the geological site should include the main geological interest and the age and the location if those are relevant and useful. For instance: *Cretaceous Paleogene stratigraphic section of Zumaia, Uncorformity of Siccar Point (no need for the age), Burgess shale Cambrian paleontological record, etc*

- **Location**

Region / State + Country

Geographic Coordinates (Lat/Log)

- **Age. Geological Period**

The age of the Geological Heritage Sites (Period) must be referred to their main geological interest according to the IUGS International Chronostratigraphic Chart. See <https://stratigraphy.org/chart>

- **Main geological interest**

Select one or more than one from the following list:

1. History of geosciences
2. Stratigraphy and sedimentology
3. Paleontology
4. Igneous and Metamorphic petrology
5. Volcanology
6. Tectonics
7. Mineralogy
8. Geomorphology and active geological processes
9. Impact structures and extraterrestrial rocks
10. Others (please specify geological discipline)

- **Main arguments for the designation**

- Headline sentence with the main argument for the designation. **No more than 20 words.** For instance: *“One of most continuous stratigraphic records of the World”, “The site where a thrust fault was defined for the first time”, “One of sites where the evolution’s Big Bang theory was better described”, “One of the most emblematic canyons of the World” ...*
- Geological description. Description of the main geological features of international importance. **Max 200 words.**

- Main arguments / justification to be designated according to the definition and standards provided. Please justify how the place has been used as a global reference. **Max 100 words.** *“An IUGS Geological Heritage Site is a key place with geological elements and/or processes of scientific international relevance, used as a reference, and/or with a substantial contribution to the development of geological sciences through history”.*

- **Scientific research and tradition**

- A short description showing the scientific tradition of the site. **Max 50 words.**
- 3 to 5 main publications

- **Photos and geological diagrams**

1 or 2 good pictures with the main geological element + 1 scientific diagram (cross-section, geological map, data table, stratigraphic section, etc ) if needed.

All the pictures and diagrams provided must be free of any copyright limitation. If the site is selected among the first 100, these pictures will be published in the IUGS International Commission on Geoheritage Webpage and the book of the First 100.

Each picture / diagram can contain a caption with **max 40 words each**

**NOTE:** If the site is selected among the first 100 complementary information might be required according to the final application template that will be created by WG A in the context of this IGCP project.