

## THE GEOHERITAGE OF CORSICA:

## A FIRST STEP TOWARDS A REGIONAL PRESERVATION PROGRAM

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## INTRODUCTION



Location of the French island of Corsica in Mediterranean

The 8712 km<sup>2</sup> of the French island of Corsica exhibit a remarkable geodiversity with world renowned geological landscapes, a rich history of mining exploitations and numerous under-exploited thermal water springs. Like at the French national scale, the geoheritage of Corsica is not considered as an economic and sociocultural potential.

However each year, 3 millions of tourists visit the island of Corsica and mainly for its remarkable geological environment made of secluded clear sand beaches and wild mountains.

Despite some sites with international labels as the Scandola reserve, the Corsican geoheritage is not only unconsidered but also threatened by an urban development and a lack of efficient regulation on the preservation of geoheritage sites.

The Geoheritage Inventory of Corsica was started since 2008 by the Regional Directorate for Environment, Development and Housing (DREAL) of Corsica, which is an agency affiliated with the French Ministry of Environment and by the Regional Scientific Council for the Natural Heritage of Corsica (CSRPN). The Regional Committee for the Geoheritage (CRPG) is composed of a dozen of voluntary members (geologists, hydrogeologists, spelologists, paleontologists...).

## RESULTS

=> 38 sites with a geological interest are registered in the Geoheritage Inventory of Corsica:

- 11 with an international interest (\*\*\*) - 19 with a national interest (\*\*) - 8 with a regional interest (\*) whose a lithotype (Napoleonite)

=> spread over the entire island in the 4 geological domains of Corsica:

Old Corsica mainly made of Granite

Alpine Corsica with schistous and metamorphic rocks

Corte area (collapsing zone between Old and Alpine parts)

Recent Corsica mainly composed of sedimentary formations.

=> placed in 1 of the 6 geological thematics:

Petrography/Mineralogy (12 sites)

Sedimentology/Paleontology (12 sites)

Mines and Quarries (4 sites)

=> described in considering: typology, size, age, geological interest, pedagogy, touristic economy, scarcity of the site, conservation state and protection (capturing tool: i-géotope - attribution of a score of patrimonial interest).



## PERSPECTIVES

In a second step, to highlight the first 38 sites of the Corsican geoheritage, a regional communication effort will be conducted through public and educational conferences, touristic brochures and meeting with local communities and territorial organisations. The actions taken currently in the framework of the preservation of the natural patrimony (Natura 2000, Heritage Sites...) could be also applied for the geosites. Nowadays, the legal protection of the sites is possible with the publication of the decree of December 2015 on the protection of the geological sites. The current inventory is not representative of all Corsican geological specificities. More twenty sites will come to enrich this first inventory in the coming years.

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