

## *Mission*

Understanding geological and natural processes and human practices interacting with and influencing the human environment activities and life

## *Research topics*

- Past and recent evolution of the Earth as the key to envisage and plan the sustainable development of the human environment
- Natural and anthropic hazards
- Natural resources
- Global and local environmental changes
- Man-environment interactions

## *Research activities*

**Geological processes for the knowledge and mitigation of natural hazards and for the assessment and exploitation of natural resources**

**Geological and geomorphological evolution of continental margins and adjoining marine areas for the mitigation of natural hazards**

**Soil and fluid geochemistry for environmental assessments**

**Contaminated site remediation and industrial waste recovery technologies**

**Exploitation and promotion of geological raw materials and safety of disused mining and industrial areas**

**Development and application of new technologies for the geo-structural and physical-mechanic characterization, monitoring and alert for the static control**

**Geotechnical analysis of deformation and rupture cases in soils and rocks originating from both geological and anthropic processes**

