Academic Year: 2019/2020

Course: Geoheritage and Geotourism

Coordinator: Maria Luísa Rodrigues

ECTS: 6  Weekly Hours: 2,5h  Typology: TP

Contents

1. Geodiversity
   1.1. Natural diversity of the Earth: geodiversity and biodiversity; geodiversity different definitions
   1.2. Study of Geodiversity: qualitative and quantitative evaluations

2. Geoheritage
   2.1. Geoheritage concept
   2.2. Geologic heritage
   2.3. Geomorphologic heritage
   2.4. Hydrologic and soils heritage

3. Geoheritage Survey
   3.1. Geosites and geomorphosites: definition, identification, classification and selection
   3.2. Geosites field inventory
   3.3. Qualitative and quantitative evaluation of geosites
   3.4. Geoheritage cartography: field survey and final presentation of results

4. Geotourism
   4.1. Geotourism concept
   4.2. Geotourism and sustainable development
   4.3. Geotourism maps

5. Applied research in geoheritage and geotourism in the Metropolitan Area of Lisbon

Objectives and skills

Objectives:
- Understand the geodiversity concept and its importance for the planet survival.
- Study the geoheritage with an open and critical perspective, through its different components, using work methodologies that favor its identification, classification, evaluation and mapping.
- Analyze geoheritage preservation and promotion through geotourism strategies in order to contribute for the regions sustainable development.

Skills:
- To learn the fundamental concepts and use an accurate terminology.
- To understand the dimension and importance of the geodiversity preservation for the planet's diversity maintenance.
- To distinguish between the existing abiotic environments those that should be preserved due to its heritage value.
- To apply geotourism strategies in order to contribute for the sustainable development of the regions.

References


Knowledge evaluation methods and their partial grades

A practical work, to be done in a group (including field surveys), presented in a written final report: theoretical part (45%), case study (45%); Presence in the classes and participation (10%).