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| Academic Year: 2019/2020 | | |
| Course: Geoheritage and Geotourism | | |
| Coordinator: Maria Luísa Rodrigues | | |
| Teaching Staff: Maria Luísa Rodrigues | | |
| ECTS: 6 | Weekly Hours: 2,5h | Typology: TP |
| Contents | | |
| I. 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 | | |
| ASSOCIATION DES GEOMORPHOLOGUES FRANÇAIS (2005 e 2010). <i>Géomorphologie: relief, processus, environnement</i> , n° 3/2005; n° 2/2010 (URL: http://geomorphologie.revues.org). GRAY M (2004). <i>Geodiversity. Valuing and conserving abiotic nature</i> . Wiley, London. HOSE TA (2005). Geotourism. Appreciating the deep time of landscapes. <i>Niche Tourism: contemporary issues, trends and cases</i> : 27-37, Butterworth-Heinemann, Oxford. NEWSOME D & DOWLING R (2005). The scope and nature of geotourism. <i>Geotourism</i> (Dowling & Newsome, eds):3-25, Elsevier, Oxford. RODRIGUES ML & FONSECA A (2009). Geopatrimónio e Desenvolvimento Sustentável. Estratégias de Valorização de Áreas Rurais. <i>Cultura, Inovação e Território: o Agroalimentar e o Rural</i> (Moreno, Sánchez e Simões, coord):143-152, Soc. Port. Estudos Rurais (SPER), Lisboa. RODRIGUES ML (2009). <i>Geodiversidade, Património Geomorfológico e Geoturismo</i> . TERRITUR e Grupo de Inv. em Geodiversidade, Património Geomorfológico e Geoturismo (GEOPAGE), CEG/IGOT, ULisboa. | | |
| 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%). | | |

