

<b>Academic Year: 2017/2018</b>		
<b>Course: Environment and Spatial Planning</b>		
<b>Coordinator: Ana Ramos Pereira</b>		
<b>Teaching Staff: Ana Ramos Pereira and Ricardo Garcia</b>		
<b>ECTS: 6</b>	<b>Weekly Hours: 2,5</b>	<b>Typology: Theoretical and Practical</b>
<b>Contents</b>		
<ol style="list-style-type: none"> <li>1. The concepts of environment and spatial planning. Major environmental challenges.</li> <li>2. The instruments of territorial management in Portuguese legislation: structure, objectives and contents</li> <li>3. Sector plans and special plans with territorial impact: content and technical grounds</li> <li>4. The public utility <ol style="list-style-type: none"> <li>4.1. The water domain</li> <li>4.2. The national ecological reserve</li> <li>4.3. The agricultural national reserve</li> </ol> </li> <li>5. The landscape: analysis criteria and classification</li> <li>6. Analysis of sector plans and special plans; regulation, public utility plants and plant planning</li> <li>7. Cartography in GIS environment of public utility</li> </ol>		
<b>Objectives and skills</b>		
<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of national legislation on environment, land use and land management;</li> <li>• Framework of national legislation in the context of European spatial planning and management;</li> <li>• Knowledge of the instruments of spatial planning and management;</li> <li>• Learning the cartography the public utility in a GIS environment;</li> <li>• Application of geographical knowledge in spatial planning;</li> <li>• Develop the capacity analysis of instruments at national, regional and local level.</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>• Assessment of spatial planning instruments at the national, regional and local levels;</li> <li>• Use of GIS tools in planning and land management;</li> <li>• Ability to apply geographical knowledge in spatial planning and territorial management.</li> </ul>		
<b>References</b>		
<p>G. Jones (2004) <i>People and Environment. A global approach</i>. Pearson Prentice Hall.</p> <p>United Nations Environment Programme (2012) - <i>Global Environmental Outlook 5. Environment for the future we want</i>. (<a href="http://www.unep.org/geo/geo5.asp">http://www.unep.org/geo/geo5.asp</a>)</p> <p>DGOTDU (2007) <i>As Tecnologias de Informação e Comunicação na Elaboração dos Planos Regionais de Ordenamento do Território</i> (<a href="http://www.dgterritorio.pt/static/repository/">http://www.dgterritorio.pt/static/repository/</a>)</p> <p>A. Cancela d'Abreu, T. Pinto Correia, R. Oliveira (2004) <i>Contributos para a Identificação e Caracterização da Paisagem em Portugal</i>. DGOTDU, Lisboa. (<a href="http://www.dgterritorio.pt/produtos_e_servicos/publicacoes/">http://www.dgterritorio.pt/produtos_e_servicos/publicacoes/</a>)</p> <p>APA (2015) <i>Relatório do Estado do Ambiente 2015 (REA 2015)</i>. Agência Portuguesa do Ambiente (<a href="http://www.apambiente.pt/">http://www.apambiente.pt/</a>)</p> <p>DGT sites: <a href="http://www.dgterritorio.pt/legislacao/">http://www.dgterritorio.pt/legislacao/</a>; <a href="http://www.dgterritorio.pt/ordenamento_e_cidades/ordenamento_do_territorio/">ordenamento_e_cidades/ordenamento_do_territorio/</a></p> <p>Sistema Nacional de Informação de Recursos Hídricos: <a href="http://snirh.pt/">http://snirh.pt/</a></p> <p>Portal do Ambiente e do Cidadão: <a href="http://ambiente.maiadigital.pt/ambiente/">http://ambiente.maiadigital.pt/ambiente/</a></p>		
<b>Knowledge evaluation methods and their partial grades</b>		
<p><b>Normal regime:</b> 1st test (10%), 2nd test (40%), 1st exercise with oral presentation (25% + 10%), 2nd exercise (15%)</p> <p><b>Special regime:</b> the same of ordinary regime</p>		