

Nome da disciplina: WATER RSOUCES, EFFLUENTS AND RESIDUES MANAGEMENT

Coordenador(es): Luís S. Pereira

Outros docentes: F. Cardoso Pinto

Precedências requeridas:

- Hydrology
- Ciências da Terra,
- Monitorização Ambiental
- Tratamento de Águas, Efluentes e Resíduos

Semestre pretendido (no caso da disciplina não ter semestre atribuído):

Número e tipo de horas lectivas semanais: 4 T-P

Programa	Duração	Docentes
Water and water resources: basic concepts Non-conventional water resources Human impacts on the water cycle and the hydrological balance Relating water and land uses Water saving and water conservation Domestic, urban, agricultural and industrial water uses Water demand and water consumption Water use indicators Water scarcity: natural and man induced Integrated management of water, effluents and residues		Luís S. Pereira
Reuse and recycling: concepts and applications Balance availability-needs Allocation of conventional and non-conventional water resources Effluents and residues management Use of effluents in irrigation: human health and environment impacts control Water reuse for urban and recreational purposes: human health and environment impacts control Recycling in industry and quality control Legislation Monitoring		A. Cardoso Pinto