INLAND WATER MANAGEMENT

Responsible professor: SANTIAGO GARCÍA LÓPEZ
Credits: 5,0 ECTS

Detailed programme:

LEARNING BLOCK	TOPIC OR ACTIVITY
B1	Presentation of the subject. Introduction to hydrological planning.
B2	Hydrological and Hydrogeological characteristics of wetlands.
B3	International and European legal framework for the management of inland waters.
B4	Legal framework for the management of inland waters in Spain.
B5-6	Field trip (entire morning). Identification of a hydrological control network related to a wetland. "Los Toruños" Natural Park.
B7	Conservation and management of fauna in rivers and inland wetlands.
B8	Ecological conditions of aquatic systems.
B9	#SOSDonana: Towards a Safe Operation Space for iconic wetlands.
B10	Conservation and management of wetland ecosystems.
B11	Ecological restoration of inland wetlands. Standards and case studies.
B12	The water footprint. Case study.
B13	New approaches for the management of watercourses and riversides.
B14	Chemical Water Quality Standards. Wastewater treatment.
B15	Monitoring of the chemical water quality of natural waters in Andalusia. Planning of the field trip.
B16-17	Field trip (entire morning). Physical and chemical monitoring of a body of water. Visit to the wastewater treatment plant.
B18	Case study: Hydrology of Wetlands.
B19	Field trip (entire morning). Andalusian Wetlands Plan. Visit to the Tollos lagoon restoration project.

Evaluation system:

SYSTEM	WEIGHT
Written or oral exam	50 – 80
Attendance and usage of on-site formative activities	0 – 20
Written essays	5 – 20
Presentation of exercises, topics and projects	0 – 20
Attendance and participation in practical activities	0 – 20
Virtual campus graded activities (Online)	0 – 20
Other systems approved by the teaching coordination team for this subject, with approval from the Master academic committee	0 – 50