MODULE DESCRIPTION

General

School	Geotechnical Sciences
Department	Forest and Natural Environment Sciences

Module Information

Title	Management and protection of semi-aquatic ecosystems
Course Code	OPT.5
Level of Studies	Bachelors
Teaching Period	5th
Attendance Type	Elective (optional)
Prerequisites	Watershed Management

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
Management, protection of natural resources and climate change	2	1	3rd	5th	3

Faculty Instructor

George Zaimes – Assistant Professor

Type of Module

- ☐ General Foundation
- ☐ Specific Foundation / Core
- ☑ Knowledge Deepening / Consolidation

Mode of Delivery

- ☑ Face to face
- ☐ Distance learning

Digital Module availability

- ☐ E-Study Guide
- ☑ Departments Website
- ☐ E-Learning

Language

	Teaching	Examination
Greek	☑	☑
English	☑	☑

Erasmus

- [x] The course is offered to exchange programme students

Learning Outcomes

Upon successful completion of the course, students will know:

- What semi-aquatic ecosystems are
- What riparian areas and their characteristics are
- What wetlands and their characteristics are
- What deltas and their characteristics are
- Sustainable ways of managing these ecosystems
- Methods for protecting these ecosystems

List of General Competences

- [x] Apply knowledge in practice
- [x] Work autonomously
- [x] Work in teams
- [x] Work in an international context
- [x] Work in an interdisciplinary team
- [x] Respect natural environment
- [x] Advance free, creative and causative thinking

Module Content (Syllabus)

Semi-aquatic ecosystem uniqueness, riparian areas definition and characteristics, wetland definition and characteristics, Delta definition and characteristics, Sustainable management of these ecosystems, Protection of these ecosystems, Semi-aquatic ecosystems Assessment Protocols, Ecosystem Services, Anthropogenic effects that have adverse effects on semi-aquatic ecosystems, ecotourism as a tool for the protection of semi-aquatic ecosystems.

Keywords: Riparian Areas, Wetlands, Delta, Semi-Aquatic Ecosystem Management, Semi-Aquatic Ecosystem Protection

Educational Material Types

- [ ] Book
- [x] Notes
- [x] Slide presentations
- [ ] Video lectures
- [x] Multimedia
- [x] Interactive exercises
- [ ] Other:

Use of Information and Communication Technologies

- [x] Use of ICT in Course Teaching
- [x] Use of ICT in Laboratory Teaching
- [x] Use of ICT in Communication with Students
- [x] Use of ICT in Student Assessment

Module Organization

Please fill in the workload of each course activity

Course Activity	Workload (hours)
Lectures	25
Laboratory work	25
Field Trip/Short Individual Assignments	25
Independent Study	-
Total	**75**

* 1 ECTS unit corresponds to 25 hours of workload

Student Assessment Methods

- [ ] Written Exam with Multiple Choice Questions
- [x] Written Exam with Short Answer Questions
- [x] Written Exam with Extended Answer Questions
- [x] Written Assignment
- [x] Report
- [ ] Oral Exams
- [ ] Laboratory Assignment

Suggested Bibliography (Eudoxus and additional bibliography)

1. Weekly notes are provided