MODULE DESCRIPTION

General

School	Geotechnical Sciences
Department	Forest and Natural Environment Sciences

Module Information

Title	Environmental Impact Assessment
Course Code	OPT. 18
Level of Studies	Undergraduate
Teaching Period	Winter
Attendance Type	Elective
Prerequisites	-

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
Natural Resource Management, Protection & Climate Change	2	1	4°	7°	3

Faculty Instructor

Assistant Professor Dimitrios Raptis

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

☐ The course is offered to exchange programme students

Learning Outcomes

Upon successful completion of the course students are expected to:
- understand the basic concepts and the Environmental Impact Assessment Framework
- become aware of the stages of the Environmental Impact Assessment process, the institutional framework and the organizations involved
- acquire the necessary know-how to carry out environmental impact assessment studies for projects and activities.

List of General Competences

☑ Apply knowledge in practice

☑ Work autonomously

☑ Work in teams

☐ Work in an international context

☐ Work in an interdisciplinary team

☑ Respect natural environment

☑ Advance free, creative and causative thinking

Module Content (Syllabus)

Introductory concepts, nature of Environmental Impact Assessment, construction projects and activities subject to Environmental Impact Assessments, scope and stages of the Environmental Impact Assessment process, organizations and staff involved. Institutional framework of the Environmental Impact Assessment process. Basic environmental terms. Screening, scoping, assessment and evaluation of impacts, consultations and public participation, decision making. Models and Applications of Environmental Impact Assessment Studies.

Keywords

Spatial analysis, Environmental Impact Studies, public participation

Educational Material Types

☑ Book

☑ Notes

☑ Slide presentations

☐ Video lectures

☑ Multimedia

☐ 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	26
Laboratory work	13
Field Trip/Short Individual Assignments	20
Independent Study	16
Total	75

* 1 ECTS unit corresponds to 25 hours of workload

Student Assessment Methods

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

Suggested Bibliography (Eudoxus and additional bibliography)

1. Βαγιωνά, Δ. (2018). Μελέτες Περιβαλλοντικών Επιπτώσεων, Εκδόσεις ΔΙΣΙΓΜΑ, 328 σελ. Κωδικός ευδόξου 22766772
2. Βαβίζος, Γ. και Μερτζάνης, Α. (2003). Περιβάλλον-Μελέτες Περιβαλλοντικών Επιπτώσεων, ΠΑΠΑΣΩΤΗΡΙΟΥ.
3. Μανωλιάδης, Ο. (2002). Περιβαλλοντικός Σχεδιασμός, Μελέτη και Εκτίμηση Περιβαλλοντικών Επιπτώσεων, ΙΩΝ.
4. Noble, B.F. (2015). Introduction to Environmental Impact Assessment. A guide to principles and practice. Oxford University Press, 3rd ed.
5. Καζάνα, Β. 2006. Εκτίμηση Περιβαλλοντικών Επιπτώσεων. Διδακτικές Σημειώσεις.