

MODULE DESCRIPTION

General

School	Geosciences
Department	Forest and Natural Environment Sciences

Module Information

Title	Forest Fires
Course Code	G.Y.1
Level of Studies	Undergraduate
Teaching Period	7 th Semester
Attendance Type	Compulsory
Prerequisites	

Orientation	Weekly Hours		Year	Semester	ECTS
	Lectures	Laboratory work			
Management and Protection of Natural Resources and Climate Change	2	3	4	7	6

Faculty Instructor

Yannis Raftoyannis

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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
English	<input type="checkbox"/>	<input type="checkbox"/>

Erasmus

- The course is offered to exchange programme students

Learning Outcomes

Upon successful completion of the course, students are expected to be able to understand and manage forest fires.

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)

Forest fires in Greece and abroad, forest fire behavior, ecology of fire, climate change and forest fires, causes, legislation, environmental impacts, fire forecasting, prevention and suppression of forest fires.

Educational Material Types

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

Use of Information and Communication Technologies

- Use of ICT in Course Teaching
- Use of ICT in Laboratory Teaching
- Use of ICT in Communication with Students
- 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	0
Field Trip/Short Individual Assignments	39
Independent Study	85
Total	150

* 1 ECTS unit corresponds to 25 hours of workload

Student Assessment Methods

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

Suggested Bibliography (Eudoxus and additional bibliography)

- Γκόφρας Α. 2001. Εγχειρίδιο Δασοπροστασίας. Εκδόσεις Γιαχούδη – Γιαπούλη.
- Καιλίδης Δ. 1990. Δασικές Πυρκαγιές. Εκδόσεις Χριστοδουλίδη.
- Κωνσταντινίδης Π. 2003. Μαθαίνοντας να ζούμε με τις δασικές πυρκαγιές. Εκδόσεις Χριστοδουλίδη.
- Bond WJ, van Wilgen BW. 1996. Fire and plants. Chapman and Hall.
- Johnson EA. 2001. Forest Fires: Behavior and Ecological Effects. Academic Press.
- Whelan RJ. 1995. The ecology of fire. Cambridge University Press.