

## Management of Wetland Ecosystems

The thematic units of the course are:

Introduction to wetlands. Definitions and categories of wetlands. Wetland classification criteria. Categories and inventory of Greek Wetlands. Functions and Values of wetland ecosystems. Risks, pressures and threats to wetlands. The legal framework for the protection of wetlands. Riparian (riverside and lakeside) forest and other ecosystems and habitats. Functions and values of riparian forest ecosystems. Principles of wetland management. Wetland management plan. Selected examples of Wetland Ecosystem Management. Evaluation and scientific monitoring of wetlands. Creation, restoration and rehabilitation of wetlands. Artificial Wetlands.

### Recommended Writing(s) in the Eudoxos System

1. Gerakis P.A. and Tsiouris S.E. 2010. Wetlands and Agriculture. Ed. Modern Education, Thessaloniki, p.311.

### Suggested Related reading:

1. Zalidis G. X., and A.L. Mazavellas (Publication Coordinators), 1994. Inventory of Greek Wetlands as Natural Resources. EKB, Thessaloniki. xviii +587p. <http://repository.biodiversity-info.gr/handle/11340/175>

2. Katsadorakis G and K. Parakamian, 2007. The inventory of the wetlands of the Aegean islands, WWF Greece, p. 392.

[https://d2ouvy59p0dg6k.cloudfront.net/downloads/wwf\\_aegean\\_wetlands\\_inventory\\_2007.pdf](https://d2ouvy59p0dg6k.cloudfront.net/downloads/wwf_aegean_wetlands_inventory_2007.pdf)

In each lecture, the students are recommended bibliography related to the topic of each presentation.

The course includes: Theory 3 hours/week. And Workshop 2 hours/week.

Educational material is available on the Open E-class course page at the following link: <https://oeclass.aua.gr/eclass/courses/475/>