

Advanced Workshop | 1 week

03-07 June | 2019

Ecosystem services provided by wetlands

Anthropogenic impacts and Environmental chemistry

Provide knowledge on the environmental biogeochemical processes supporting the ecosystem services (ES) provided by wetlands. Emphasis will be put on ES assessment endpoints for Ecological Risk Assessment (ERA) and also on wetlands management and restoration.

The course is addressed to PhD students with a background in Biology, Natural and Environmental Sciences, Environmental Chemistry, Environmental Engineering or Ecology.

Coordinator

Ana Lillebø
University of Aveiro
DBio & CESAM

Lecturers

Ana Lillebø
Isabel Lopes
Ana I Sousa
Olga Ameixa
University of Aveiro
DBio & CESAM

Ricardo J Lopes
University of Porto
CIBIO/InBIO

Field Trip

Paula Maia
University of Aveiro
DBio

Course Fees

Normal 250 €

Reduced 150 €

(PhD Students* & SETAC members)

* Students registered at PhD programmes offered by DBio will have their fees assumed by the Department

Deadline | May 20, 2019

Register by email (lillebo@ua.pt)

Name | Institution | Address | Country

Topics

- Types of wetlands
- Ecosystem Services (ES)
- Human well-being
- Biogeochemical processes supporting wetland ES
- ES assessment endpoints for Ecological Risk Assessment
- Multiple stressors affecting wetland ES
- Wetlands management and restoration



**SETAC
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Course**



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departamento de biologia

Ecosystem services provided by wetlands

Anthropogenic impacts and
Environmental chemistry

Programme

A combination of lectures
and case studies will be
presented and discussed

Monday
03

Morning
Ana Lillebø

Welcome
Wetlands classification, importance and function as ecotones
Ecosystem services (ES) concept and methods
ES and Human well-being

Afternoon
Ana Lillebø

Processes supporting ecosystem services
Anthropogenic impacts on wetlands & Case Studies

Tuesday
04

Morning
Ana Lillebø

ES assessment endpoints for Ecological Risk Assessment
& Case Studies

Afternoon
Ricardo J Lopes

Legal protection of wetlands.
Wetlands restoration: habitats for waterbirds & Case Studies

Wednesday
05

Morning
Ana Lillebø

Application of the DPSIR framework for environmental
assessment combined with ES and ERA
Introduction to the practical exercise
Services and wetlands restoration & Case Studies

Afternoon
Paula Maia
Ana Lillebø

Short introductory presentation to Baixo Vouga Lagunar
(Natural capital, services & threats) & Field Trip

Thursday
06

Morning
Ana I Sousa

Coastal wetlands | Multiple stressors | Threats to ES | Risk
assessment & Case Studies

Afternoon
Ana Lillebø

Role play exercise on ES assessment endpoints for Ecological Risk
Assessment (ERA) using Baixo Vouga Lagunar case study
& Practical Exercise

Friday
07

Morning
Isabel Lopes

Wetlands, amphibians: Services | Threats | Risk assessment
& Case Studies

Afternoon
Olga Ameixa

Wetlands, insects: Services | Threats | Risk assessment
& Case Studies

Presentation and discussion of the practical exercise



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