

Advanced Workshop | 1 week

25-29 June | 2018

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 | June 15, 2018

**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



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Programme

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

Monday 25	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 26	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 27	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 28	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 29	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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