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universidade de aveiro
departamento de biologia



SETAC Europe course

ANNOUNCEMENT

Ecosystem services provided by wetlands: Anthropogenic impacts and environmental chemistry

Advanced Workshop Studies in Ecology, Biodiversity and Ecosystem management

**Department of Biology
University of Aveiro, 22nd – 26th May 2017**

This one-week post-graduate workshop aims to provide knowledge on the environmental biogeochemical processes supporting the ecosystem services provided by wetlands. Moreover, emphasis will be put on the impact of anthropogenic activities 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 related fields.

Course Coordinator:

Ana Lillebø

CESAM- Centre for Environmental and Marine Studies
Department of Biology, University of Aveiro, 3810-193 Aveiro, Portugal.



Main Themes

- 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

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

Lecturers:

Ana Lillebø

Ana Lillebø is Principal Researcher at the Department of Biology & CESAM, University of Aveiro. She holds a PhD in Biology (2001), University of Coimbra. She is a well-established researcher in Coastal Ecosystems, with more than 80 ISI-indexed publications and 25 book chapters. She has research experience in aquatic systems ecology, anthropogenic impacts and environmental chemistry, but also has interests in ecosystem services and integrated coastal management strategies. She has participated in Portuguese and EU funded projects (as team member, team leader and as project coordinator).

Isabel Lopes

Isabel Lopes is an assistant researcher at the Department of Biology and Center of Environmental and Marine Research (CESAM), University of Aveiro. She obtained her PhD in Biology at the University of Coimbra (Portugal) with the study on the variability of metal tolerance among and within populations of cladocerans. Her main areas of research involve ecological risk assessment and evolutionary ecotoxicology. At present she is coordinating research projects aiming at predicting the salinisation effects on coastal freshwater and soil ecosystems due to climate changes and understanding how such climate changes will influence the viability of amphibian populations already stressed with anthropogenic contamination.

Ana I. Sousa

Ana I. Sousa is a post-doctoral researcher at Department of Biology and CESAM, University of Aveiro. She holds a PhD in Biology (University of Lisbon, 2010) where she focused on the multiple stressors affecting the auto-

remediation capacity of salt marshes (namely, nitrogen enrichment and metals contamination) and on its impacts on ecosystem services provided. Ana has a research background in estuarine & marine ecology and ecosystems functioning and dynamics (13 ISI-indexed papers). Currently, her main research area includes ecosystem services provided by wetlands; blue carbon and nutrient dynamics in seagrass meadows and salt marshes; climate change impacts on coastal wetlands and its resilience to climate and other human-induced changes.

Ricardo Jorge Lopes

PhD in Biology (University of Coimbra, Portugal) and currently post-doctoral researcher at CIBIO (Research Center in Biodiversity and Genetic Resources, University of Porto, Portugal). My research is mainly focused in Conservation Biology (32 articles), from genetics to community level. In this scope, monitoring, management and restoration of aquatic habitats and their populations, especially birds, have been one of my main areas of research. Participated in many national (FCT) and european (LIFE and INTERREG) projects. I have also been involved in the classification of national protected wetlands and species conservation status.

Olga Ameixa

Olga Ameixa holds a PhD in Ecosystem Biology (University of Ceske Budejovice, Czech Republic) and currently is a post-doctoral fellow affiliated with two Portuguese research centres, CESAM (Centre for Environmental and Marine Studies, University of Aveiro) and cE3c (Centre for Ecology, Evolution and Environmental Changes, Azorean Biodiversity Group). Currently, she is also an Invited Assistant Professor of Entomology at the Biology Department of the University of Aveiro. In the past she worked as a researcher at the Global Change Research Center of the Academy of Sciences of the Czech Republic. During that period she participated in several international projects of the European Science Foundation (ESF) and other national Czech projects (GACR and MSM). She was an invited lecturer at University of South Bohemia, Charles University (Prague). In the past she has also worked as a teacher of environmental awareness outside academia. Her research focus have mainly been on the anthropogenic environmental impacts on biodiversity, namely, climate change, introduction of invasive species and effects of non-sustainable agricultural practices, using mainly insects as a model group. One of her latest research interest is also the phytoremediation of agricultural saline soils.

Paula Maia

PhD in Environmental Sciences (CESAM, Department of Environment and Planning, University of Aveiro and CIDE, CSIC, Spain), in which my research has focused mainly on the diversity, structure and regeneration of the vegetation of disturbed forest plant communities, particularly post-fire. I am a member of CESAM (Centre for Environmental and Marine Studies, University of Aveiro) since 2007 and have participated in several national (FCT) and international (FP7, LIFE...) projects. Currently I am a research

fellow in a LIFE project dealing with plant invasions in which my skills and experience in conservation and management of natural resources are applied in a different context. My present work in the team of the Herbarium of the Department of Biology includes other tasks, including science communication and outreach, and currently I am also collaborating in the production of a field guide of the Flora of the Baixo Vouga Lagunar.

Course Fees

Normal course fee- 250 Euros

Discount fee - 150 Euros (PhD students*, SETAC members)

*Students registered at PhD programmes offered by dbio will have their fees assumed by the department

REGISTRATION FORM

(send by fax (+351 234 372587) or e-mail (lillebo@ua.pt) to **Ana Lillebø** till the 12th of May 2017)

Name: _____

Institution: _____

Address: _____

Country: _____

Course Fee:

Normal Fee: 250 €

Discount Fee: 150 € (PhD Students, SETAC members)
(please provide confirmation of eligibility for the discount fee)