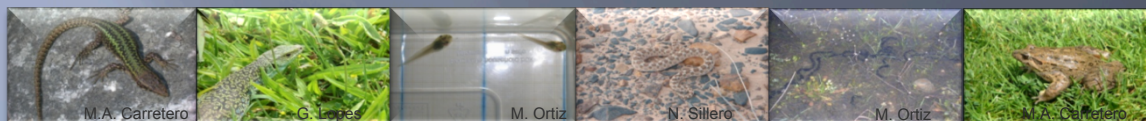


Advanced course on
Ecotoxicology of amphibians and reptiles:
from theory to practice
3-7 April, 2017



Objectives

Provide an updated review and synthesis of the current state of ecotoxicology of contaminants and other global stressors (e.g. climate change) and ecological risk assessment in amphibians and reptiles. It will also give an overview on different methodologies used to collect animals in the field, to culture them in the laboratory, and to generate ecotoxicological data. All the information will be complemented with the presentation of national and international case studies.

The course is targeted to scientists, post-graduate students (PhD and MSc) with a background in Biology, Natural and Environmental Sciences, Environmental Engineering, or related fields, as well as members of consulting companies and of private and public institutions involved in environmental management.

Lecturers

Franz Streissl

(EFSA, Italy)

Manuel Ortiz

(Institute for Environmental Sciences, University of Koblenz-Landau, Germany)

Miguel A. Carretero

(CIBIO-University of Oporto, Portugal)

Scott Wier

(Savannah River Ecology Laboratory, University of Georgia, USA)

Lennart Weltje

(BASF SE)

Limited to 25 participants

Free for UA students

Fees: 250 € (for non students) and 150 € (for students not registered at UA and SETAC members); includes documentation and certificate of attendance.

Inscription should be sent to: Isabel Lopes - ilopes@ua.pt

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Programme

Day 1		Topics
Morning	Amphibian biology	
Afternoon	Standard laboratory tests with amphibians Practical activity: Embryonic assay set-up	
Day 2		
Morning	Reptilian biology	
Afternoon	Reptile ecotoxicology	
Day 3		
Morning	Amphibian ecotoxicology	
Afternoon	Field methods for amphibian monitoring Practical activity: Housing, manipulation, substance administration and sample collection	
Day 4		
Morning	Amphibians and reptiles in the context of pesticide risk assessment Industry input for developing guidance on risk assessment for plant protection products and terrestrial life stages of amphibian	
Afternoon	Practical activity: Resolution of case studies	
Day 5		
Morning	Amphibians and reptiles in experimentation: regulatory, ethical and practical issues	
Afternoon	<u>Laboratory practice</u> : finish amphibian assay Data analysis	

The logo of the University of Birmingham, featuring a stylized crest with a crown on top and the text "UNIVERSITY OF BIRMINGHAM" below it.