CAMPUS AGRÁRIO DE VAIRÃO | PORTUGAL

HABITAT FRAGMENTATION AND EDGE EFFECTS SEMINAR 15.11.13

14h30 | THE EDGES PROJECT: FRAGMENTATION IN IBERIAN FARMLAND LANDSCAPES

Luís Reino, CIBIO/InBIO, Portugal

Dr Luis Reino's research has focused mainly in the ecology and distribution of birds. Areas of scientific interest include bird distribution, conservation biology, habitat fragmentation, land-use changes, biological invasions, ecological and statistical modelling. Present interests have a strong emphasis on the application of applied research to the conservation of farmland bird species while using and combining state of the art methods in species distribution modelling and statistical ecology.

14h45 | USING LANDSCAPE HISTORY TO PREDICT BIODIVERSITY PATTERNS IN FRAGMENTED LANDSCAPES

Robert M. Ewers, Imperial College London, UK

Dr Robert M. Ewers is a reader in ecology at the Imperial College, mainly working on spatial patterns of forest habitats. Dr Ewers is particularly interested in joining landscape models with empirical data on species' responses to spatial patterns.

15h15 | DELINEATION OF LANDSCAPE ELEMENTS USING THE WATERSHED AND WATERFALL TRANSFORM

Véronique Lefebvre, Imperial College London, UK

Dr Véronique Lefebvre's main project focuses on predicting biodiversity patterns from fragmented landscape history using dynamic and probabilistic relational models. Dr Lefebvre also develops computing tools to quantify landscape spatial patterns. Identifying mathematical and engineering solutions that can describe biological processes has been Dr Lefebvre's purpose throughout her research experience.

15h45 | EFFECTS OF FRAGMENTATION ON CLIMATE-DRIVEN MIGRATION OF FOREST UNDERSTOREY PLANTS

Stefan Dullinger, Universtität Wien, Austria

Dr Stefan Dullinger is the head of the Department of Conservation Biology, Vegetation Ecology and Landscape Ecology in the University of Vienna (Austria).
Dr Dullinger is an ecologist with a special focus on analysing spatial biodiversity patterns and modelling the spatio-temporal dynamics of native and invasive plant species under climate change.

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