

Environment Workshops

2014

Biotic interactions: Underlying mechanisms, ecological functions, and ecosystem services

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Internacional
de Andalucía
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Scope

There has always been a genuine interest of biologists on biotic interactions as they shape communities and mediate responses to environmental factors. Substantial research has recently examined interactions in plant communities, uncovering the importance of positive interactions and exploring in detail the mechanisms by which interactions take place, how they control the structure and function of communities, and their implications for changing paradigms of classic ecological theory. Research on plant interactions is also establishing links to some of the most important current ecological issues, including the relationship between biodiversity and ecosystem function and the impacts of global change. It is therefore a suitable time to review progress in the field, analyzing the wider implications of interspecific interactions for ecosystem functioning, and engage the current generation of young scientists in moving the field forward. This workshop will address the bulk of research carried out in the last 10 years on biotic interactions, which has led to a tremendous growth in community ecology. The goal is to open research to new directions and actively develop conceptual links with other fields from which research on interactions would profit, such as evolutionary ecology or soil sciences. But it also goes back to the basics of interactions, trying in particular to review knowledge on the main functional mechanisms of interaction, their implications for community structure, and ecosystem services.

Format of the Workshop

The workshop will bring together 17 speakers and a maximum of 50 participants (including speakers). The scientific programme will start in the morning on Monday, September 22th, and will end on Wednesday, September 24th. Ample time for informal discussion will be reserved. Participants will be invited to present a poster.

Venue of the Workshop

The workshop will be held in Baeza, at the "Campus Antonio Machado", a XVII century building turned into a Conference Centre of the International University of Andalusia (UNIA). This site includes a recently restored residence, where speakers and participants will be accommodated. Baeza is a World Historic Heritage town, renowned for its Renaissance and Gothic buildings.



Organized by:

Francisco I. Pugnaire
EEZA-CSIC, Almería, Spain.
Ragan M. Callaway
University of Montana, USA.
Lohen Cavieres
University of Concepción, Chile.

Speakers

Fabio Bulleri. Dept. of Biology. University of Pisa, Italy.
Kari-Anne Bråthen. Dept. of Arctic and Marine Biology. University of Tromsø, Norway
Richard Bardgett. Faculty of Life Sciences. University of Manchester. United Kingdom
Rob W. Brooker. Group of Ecological Sciences. The James Hutton Institute. Aberdeen, United Kingdom
Lohengrin Cavieres. Faculty of Biological Sciences. University of Concepción, Chile.
Ragan M. Callaway. Div. of Biological Sciences. University of Montana, Missoula, US.
Aurora Gaxiola. Ecosystems Ecology. Instituto de Ecología y Biodiversidad Santiago, Chile.
José M. Gómez. Dept. of Ecology. University of Granada, Spain.
Christ J. Lortie. Dept. of Biological Sciences. York University, Toronto, Canada.
Julia Martínez Ortega. Group of Social, Economic and Geographical Sciences. The James Hutton Institute. Aberdeen, United Kingdom
Richard Michalet. Ecologie et Biogéochimie des Systèmes Côtiers. University of Bordeaux, France.
Francisco I. Pugnaire. Dept. of Functional & Evolutionary Ecology. EEZA-CSIC, Almería, Spain.
Susana Rodríguez-Echeverría. Centro de Ecología Funcional. University of Coimbra, Portugal.
Christian Schöb. Institute of Evolutionary Biology and Environmental Studies. University of Zurich, Switzerland.
Montse Vilà. Dept. of Integrative Ecology. EBD-CSIC, Sevilla, Spain
Pablo Vargas. Molecular Plant Systematics. RJB-CSIC. Madrid, Spain
David Wardle. Dept. Forest Ecology & Management. University of Agricultural Sciences. Umeå, Sweden



Baeza, Spain
22th - 24th September
2014

Deadline:

For application: 4th September 2014

Venue:

Campus Antonio Machado
Universidad Internacional de Andalucía
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More information and application:

<http://www.unia.es/environmentworkshops>

