



QUANTITATIVE ECOLOGY

Module for Master and PhD students



University of South Bohemia, Czech Republic, Winter 2013

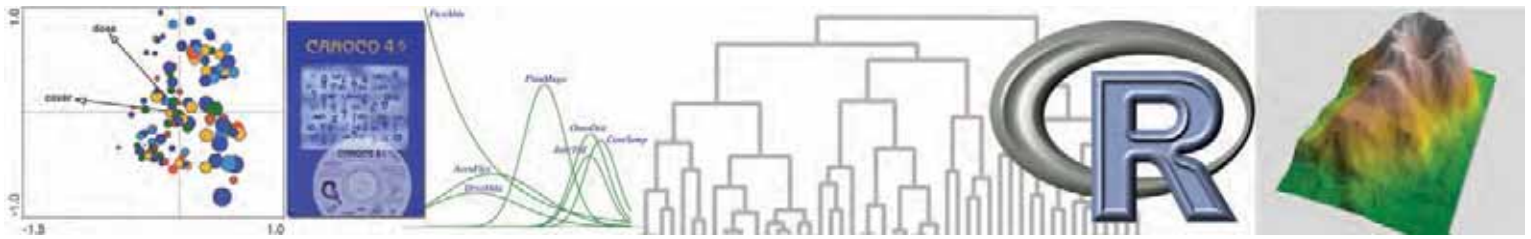


The Faculty of Science, University of South Bohemia, organizes a semester for Master students aiming to learn updated concepts and methodologies for Quantitative Ecology studies. Practical courses (using CANOCO, R etc.) will be complemented with a theoretical ecological background

Lecturers

Jan Lepš
Vojtěch Novotný
Petr Šmilauer
Karel Prach
Francesco de Bello
Václav Hypša
David Boukal





QUANTITATIVE ECOLOGY

České Budějovice, Winter 2013

(October 2013 - January 2014)

Module Courses

- Design and Analysis of Ecological Experiments
- Modern Regression Methods
- Ecology of Biological Invasions
- Molecular Ecology
- Functional Traits in Ecology
- Community Ecology
- Tropical Ecology
- Evolutionary Ecology

other courses according to student preferences

All courses will be in English

Jan Lepš, author of the Cambridge book Analysis of ecological data using CANOCO (with P. Šmilauer), former Assoc. Editor of J. Appl. Ecol. and J. Veg. Sci.

Vojtěch Novotný, tropical ecologist studying plant-insect food webs in the rainforests of Papua New Guinea (and teaching about them in Europe), Associate Editor of Ecology Letters.

Petr Šmilauer, co-author of Canoco™, vers. 4 to 5, Associate Editor of Folia Geobotanica.

Karel Prach, author of various publications in restoration ecology, vegetation ecology and ecology of invasive organisms. Member of Editorial Board of Restoration Ecology and Preslia.

Francesco de Bello, author of papers on functional trait diversity. Executive Editor PLoS One, Associate editor of J. Vegetation Science

Václav Hypša, works on evolutionary and phylogenetic issues connected to parasitism and symbiosis.

David Boukal, evolutionary ecologist studying predator-prey interactions and life history evolution. Associate Editor of European J. of Entomology



<http://botanika.prf.jcu.cz/quantecol>

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Interested students should apply for an ERASMUS grant to cover their semestral stay in České Budějovice, Czech Republic

