Venue

ZUK Benediktbeuern
Zeilerweg 2, (Meierhof)
D-83671 Benediktbeuern
Tel.: + 49 8857 88777

http://www.zuk-bb.de

Zentrum für Umwelt und Kultur Benediktbeuern

Fees

€ 120 for double,
€ 150 for single room.
Students get a discount of 30 €.

The fee includes accommodation for two nights plus snacks and refreshments during the coffee breaks.

Bank connection

Technische Universität München
bank name: Hypovereinsbank Freising
bank code number: 700 211 80
account number: 4 001 001
subject: GFOE Benediktbeuern March 2010
+ name of the participant (important!)

Organizers

Tina Heger, Sylvia Haider, Anna Liebaug
Landscape Ecology, Technische Universität München

Jonathan M. Jeschke
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Registration

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Please send an abstract (max. 300 words) of your contribution and specify the type of your presentation (talk or poster).
Please indicate which kind of room you prefer and if you are a student (undergraduate or PhD).

Deadline for registration: 07.01.2010

Your registration can only be confirmed if the registration fee has been credited to our bank account on time.

Max. number of participants: 35

TUM LMU GfÖ

Workshop

Tackling the emerging crisis of invasion biology

How can ecological theory, experiments, and field studies be combined to achieve major progress?

08. – 10.03.2010
Benediktbeuern (near Munich)

Theme

Invasion biology is still a young ecological sub-discipline, but it already starts to show signs of age and its development is losing pace. Until recently, new concepts on invasive species were proposed on a monthly basis, and there was great excitement about finding new patterns and explaining them. More and more data have become available on invasive species which, however, often question existing concepts. For example, the results of small-scale experimental studies are sometimes in conflict with the results of large-scale observational field studies, as is the case for the biotic resistance hypothesis. Some researchers also argue that many concepts cannot be tested at all, as for example data on the number of introduced species are typically unreliable. Broad concepts additionally have difficulties to capture differences among individual invasion events. As a consequence, the list of well-supported concepts on invasive species is awfully short. Invasion biology has entered its next stage, a stage that might be termed “crisis”.

Parts of the Workshop

Part A:
Is there an emerging crisis of invasion biology?

We invite contributions (talks or posters) that identify concepts of invasion biology and show how well they are supported by theoretical or empirical evidence. Your contribution can be purely theoretical or based on modeling, a meta-analysis, a review, experiments, or field studies within any taxonomic group. Contributions setting the problems of invasion biology into a philosophical context are also highly welcome.

Part B:
How can we achieve major progress?

We appreciate contributions here that suggest solutions to invasion biology’s problems. For example, you may (a) suggest how existing untestable concepts have to be modified to become testable, (b) identify necessary methods and data to validate testable concepts, or (c) present your ideas on how to develop novel concepts with broader but well defined extent and scope.

In this second part of the workshop, we will also form sub-groups to discuss different possible solutions to invasion biology’s problems. Each sub-group will present its results to the other workshop participants in the concluding overall discussion. If interesting insights are achieved, all participants are invited to contribute to a joint publication that summarizes these insights.

Program

Monday, 08.03.2010

- Check-in at noon
- General introduction
- Contributions of part A
- Discussion

Tuesday, 09.03.2010

- Contributions of part B
- Discussions in sub-groups

Wednesday, 10.03.2010

- Presentation of the results in the sub-groups
- Concluding discussion with all participants

The workshop is presented by the specialist-group „Theory in Ecology“ of the Ecological Society of Germany, Austria and Switzerland (http://www.gfoe.org).

Speakers of the group**:**
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