

Ecological Theory

ABOUT ECOLOGICAL THEORY

The GfÖ Specialist Group Ecological Theory was founded in the early 90's to promote theoretical research and modelling in ecology.

Theoretical Ecologists search for general principles, aim at providing paradigms, and use different kinds of models to describe processes, explain patterns, suggest experiments, or make predictions in ecology. Furthermore, our group aims at integrating diverse viewpoints from Theoretical and Applied Ecology as well as Philosophy of Biology, Epistemology and Social Sci-ences. Therefore, our meetings and work-shops alternate between more modeling-related and more theoretical topics.

Since 1998, we publish conference proceedings in the series "Theorie in der Ökologie", Peter Lang Verlag, Bern (German or English, cf. title pages of volumes on r.h.s.). The series is open for theory-related monographs, too.

To join the Specialist Group, please send an email to the contact persons listed below. Regular emails inform about our plans and activities.

MEMBERS

- √ About 120 members
- √ Members from Austria, Germany, Great Britain and Switzerland
- √ Theoreticians, Modellers, Field ecologists, Mathematicians, Philosophers, Social scientists, Landscape planners and others

Gesellschaft für Ökologie Ecological Society of Germany, Austria and Switzerland

Volumes of the series "Theorie in der Ökologie"
Series editor: Broder Breckling



Participants of our workshop "Multiple Scales and Scaling in Ecology" held at Seddiner See near Potsdam in March 2005 (Proceedings as Vol. 12 in prep.)

RECENT ACTIVITIES

- √ Symposium as part of the GfÖ Annual Conference 2006
Modelling - Null models
- √ Workshop 2006
Ecology and Society: current developments and future role of scientific organisations
- √ Symposium as part of previous GfÖ Annual Conferences
Functional Units, Ecological Complexity, Ecology and Economics, Ecology & Philosophy, Hierarchy & Emergence
- √ Previous Workshops (selection)
Multiple Scales & Scaling, Ecological Hazards, Function & Functioning in Ecology, Ecological Modelling & Cognition

FUTURE ACTIVITIES

- √ Upcoming Workshop 2007
Individual-based Models, in cooperation with V. Grimm, UFZ
- √ Web-page
Curriculum Ecological Modelling

<http://www.gfoe.org>