

Call for Papers (Open Access)

Basic and Applied Ecology invites contributions to a Special Issue

Scales and Heterogeneity in Ecology - from basic research to application

Understanding how the abiotic and biotic environment changes in space and time and how this affects species, communities, and ecosystems is at the heart of ecology. Research on the links between spatio-temporal heterogeneity and the properties of ecological systems, such as diversity and stability, is not only of fundamental scientific interest, but also has a strong applied dimension in a rapidly changing world. Recently, the field has seen a revived interest that is partly stimulated by exciting new conceptual advances and modelling approaches as well as an increasing availability of detailed environmental data at broad and fine scales.

Basic and Applied Ecology plans a special issue that explores the frontiers of modern research on Scales and Heterogeneity in Ecology. We invite contributions that address this topic from different perspectives: basic research or application, methods to quantify or study the effects of heterogeneity, or studies crossing different spatial scales (local to global). The full range of methodological approaches (experiments, observations, modelling) is welcome. Note that [Basic and Applied Ecology](#) will become an open access journal from January 2022.

Deadlines:

22 November 2021: Expression of interest
E-mail title and abstract to ScalesHeterogeneity@uni-goettingen.de
14 February 2021: Submission of invited contributions

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