

Special Issue

Biodiversity and Ecosystem Function

Message from the Guest Editors

Numerous studies have proven that biodiversity and ecosystem functioning (BEF) are closely linked. Biodiversity is a major determinant factor of productivity, stability, and nutrient dynamics of ecosystems. It has been clearly established that ecosystem functions highly depend both on biotic factors (such as the community structure and diversity, and the interactions between species) and abiotic factors (such as climate, hydrology, soil/sediment or geology). However, the relative contribution of these factors is still a central question in the debate about the relationship between diversity and ecosystem function.

We are inviting research articles, short communications, and reviews dealing with all aspects of BEF relationships. Papers on theoretical approaches, field and laboratory experiments of BEF relationships in natural ecosystems, as well as BEF studies in manipulated ecosystems are welcome. The aim of this Special Issue is to substantially deepen our understanding of BEF interactions and how to conserve and improve biodiversity in a changing world.

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Deadline for manuscript submissions

closed (31 October 2024)



Diversity

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Impact Factor 2.1
CiteScore 4.0



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About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).