

Special Issue

Applications of Ecological Stoichiometry for Biodiversity Conservation

Message from the Guest Editor

Dear Colleagues In this Special Issue, we mainly explore the following important topics: i) How do the organism stoichiometric characteristics relate to species richness and diversity patterns (i.e., alpha, beta and gamma diversity) at different spatiotemporal scales? ii) What is the role of stoichiometric characteristics in determining species' coexistence, interactions, and invasions? iii) How do the stoichiometric characteristics regulate the biodiversity–ecosystem functioning relationships in ecosystems? iv) How do human-related biological conservation strategies shape ecological stoichiometric characteristics across different species organization levels and timescales? We hope this Special Issue can enhance our mechanistic understanding of biodiversity patterns and drivers from the perspectives of stoichiometric characteristics and nutrient use strategies and promote biological conservation, ecological management, climate change mitigation, and sustainable development in the future.

Guest Editor

Prof. Dr. Zhengbing Yan

State Key Laboratory of Vegetation and Environmental Change,
Institute of Botany, Chinese Academy of Sciences, Beijing 100093,
China

Deadline for manuscript submissions

closed (31 March 2022)



Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



mdpi.com/si/96970

Diversity
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diversity@mdpi.com

[mdpi.com/journal/
diversity](https://mdpi.com/journal/diversity)





Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



[mdpi.com/journal/
diversity](https://mdpi.com/journal/diversity)



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

Prof. Dr. Michael Wink

Institute of Pharmacy and Molecular Biotechnology, Heidelberg
University, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biodiversity Conservation) / CiteScore - Q1
(Agricultural and Biological Sciences (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).