

## 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

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### Deadline for manuscript submissions

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## Diversity

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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).

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#### Rapid Publication:

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).