Special Issue

Ecology, Diversity and Evolution of Aquatic Macroinvertebrates

Message from the Guest Editor

This Special Issue will be dedicated to aquatic macroinvertebrates. It will cover a wide range of topics, from those related to improving sampling methods to those dealing with predicting the future or reconstructing the past of the ecosystems, as well as papers that include field-based assessment but also experimental studies in laboratory environment. Species that are stenoendemic as well as those with wide distribution will be equally included—the former due to the interesting topic of endemism, and the latter due to the issue of adaptations that enable such wide distribution. Papers that lean toward classics (for example, macroinvertebrate species biodiversity assessment based on morpho-taxonomy) as well as more modern approaches (standard DNA-based biodiversity identification tools such as DNA barcoding coupled with high-throughput next-generation sequencing (NGS) technologies) will all be welcome.

- macroinvertebrates
- aquatic ecosystem
- monitoring, management and restoration
- macroinvertebrate ecology
- macroinvertebrate diversity
- macroinvertebrate evolution
- macroinvertebrate taxonomy
- endangered species
- invasive species
- water quality

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)



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

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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).

