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Ecology, Diversity and Evolution of Aquatic Macroinvertebrates

Guest Editor:

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Deadline for manuscript submissions:

closed (28 February 2023)

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











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Message from the Editor-in-Chief

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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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