

Advanced Research on Freshwater Invertebrate Ecology and Systematics

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

Freshwater invertebrates serve as important contributors to ecosystem functioning, which includes detritus decomposition, self-purification, animal–microbial interactions, and herbivore and energy transfer to the consumers at higher trophic levels. However, despite their central role in aquatic ecosystems, ecology, taxonomy, biogeography, diversity, distributions, variation in abundance, and habitat requirements, these animals are poorly studied. Freshwater ecosystems are currently exposed to significant anthropogenic impacts that affect their state and associated habitats. Impact assessment of the biological and anthropogenic factors on the functioning of freshwater invertebrate communities is necessary to identify environmental stressors and favorable habitat conditions for ecological control. We will accept review papers as well as primary research articles that cover various groups of freshwater invertebrates, including original data and high-quality analyses in taxonomy, ecology, biogeography, and phylogeny.

[...]

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