

Special Issue

Advanced Research on Freshwater Invertebrate Ecology and Systematics

Message from the Guest Editors

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. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/4WQ8088HV9

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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