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Fish Ecology and Responses to Environmental Variation in Streams

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Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editors

Environmental conditions are important factors in the maintenance and conservation of biodiversity. We have seen advances in anthropic changes in natural ecosystems, which have resulted in a decrease in environmental variation and a loss of biodiversity. Because of their connection to and dependence on their drainage basin, these impacts are of even greater concern in more sensitive systems such as small streams, where changes to the terrestrial system leach into the aquatic system. Streams are major contributors to the biodiversity of river ecosystems, but are among the ecosystems most threatened by human activities arising from land use practices, chemical and physical pollution, and the introduction of exotic or invasive species.

This [Special Issue](#) invites authors to submit research papers or review articles covering the latest discoveries and developments. We seek contributions reporting fishes' ecological responses to different local- and landscape-scale environmental variations in small-order streams. Contributions may be based on populations and stream fish communities, with approaches based on taxonomic, functional, and phylogenetic diversity.



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Special Issue



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Message from the Editor-in-Chief

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.

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