

Biodiversity and Functionality in Freshwater and Transitional Ecosystems

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Message from the Guest Editors

Dear Colleagues,

Aquatic ecosystems host high levels of biological diversity, which significantly support human life. When effectively conserved, aquatic living communities guarantee ecosystem resilience and the maintenance of relevant ecological processes and functions, such as nutrient and carbon cycling, water quality regulation, trophic resources, etc.

However, the role of biological communities in the regulation of aquatic ecosystem functioning is poorly studied. The understanding of the complex relations between aquatic biota and ecosystem functioning and how aquatic systems respond to environmental changes is of paramount importance to strengthen biological conservation and support human wellbeing.

This Special Issue calls for new insights into the consequences of environmental variations on aquatic biodiversity and ecological functioning, including spatial and temporal dimensions. Contributions may include investigations of freshwater and transitional ecosystems, ranging from headwaters to coastal areas at different scales.

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Special Issue



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Message from the Editor-in-Chief

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