

## Special Issue

# Biodiversity and Sustainability in Aquatic Environments

### Message from the Guest Editor

Freshwater ecosystems are among the most biodiversity-rich yet highly threatened environments on Earth. They provide essential ecological services, including water purification, carbon sequestration, and fisheries, yet face increasing pressures from climate change, pollution, habitat loss, and the over-extraction of resources. This Special Issue will advance research at the intersection of biodiversity conservation, ecosystem resilience, and sustainable water management.

This Special Issue will address the following topics: Biodiversity patterns and ecological functions in freshwater systems;

Threats to freshwater biodiversity and their socio-economic consequences;

Sustainable management strategies, including conservation planning, policy frameworks, and technological innovations;

Integrated approaches that link ecological, social, and economic dimensions of freshwater sustainability.

We invite contributions from ecologists, hydrologists, conservationists, and policymakers to develop a holistic understanding of freshwater sustainability, ensuring that these vital ecosystems continue to support both biodiversity and human well-being.

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### Guest Editor

Dr. Ingrida Šatkauskienė

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### Deadline for manuscript submissions

30 April 2026



## Sustainability

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### Editor-in-Chief

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