Special Issue

Monitoring of Freshwater Biodiversity and Water Quality

Message from the Guest Editor

Dear colleagues, The main goal of freshwater monitoring is to provide knowledge about the biological and chemical conditions of these ecosystem. Freshwater monitoring is necessary for the sustainable management of water resources, including protection against eutrophication, preservation of biodiversity and anthropogenic pollution. In the 21st century, inland water ecosystems are under intense pressure from climate change, especially the occurrence of extreme weather phenomena. All these stressors have a negative impact on natural habitats, causing the retreat of sensitive species and the emergence of invasive alien species. Hence, constant monitoring of habitats and species may play a significant role as a part of the rapid response system to adverse changes in freshwater environments. This Special Issue invites fundamental, experimental, and case study-based studies focused on the relationships between anthropogenic stressors and inland water biocenosis, including biotic indices used for freshwater monitoring. Studies on rare and endangered or invasive species and their impact on diversity of native species are of high interest.

Guest Editor

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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.

Editor-in-Chief

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