Special Issue

Chemical and Biological Methods in Aquatic Ecosystem Status Assessment

Message from the Guest Editors

The water quality degradation caused by an anthropogenic influence is a problem present in almost every type of water body. Unfortunately, this issue was detected relatively late, at the end of the 1980s, after many aquatic organisms had already disappeared from their habitats due to polluting chemicals in the water. The deterioration of water quality due to pollution has since become a universal health, environmental, social, and economic problem. The best approach to comprehensively assess the quality of water and aquatic habitats is to compile a wide range of different chemical, physical, and biological parameters. Today, a palette of methods can be utilized to survey and evaluate the negative effects on aquatic organisms and water quality set off by hazardous substances from different sources, in particular agriculture. Various emerging or already established novel chemical and biological methods offer promising applications in aquatic ecosystem status assessments. However, standardized, reproducible, [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Chemical_Biological_Aquatic_Ecosystem

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Deadline for manuscript submissions

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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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