Special Issue

Biological Monitoring of Pollution in Water Environment

Message from the Guest Editor

In modern methods of environmental quality research, biological indicators are becoming a permanent element of evaluation. The biological indicators of water quality include, among others, algae and angiosperm plants. These organisms show measurable morphological changes due to physicochemical changes in the ecosystems in which they live. In their organisms, they accumulate large amounts of pollutants, especially heavy metals. This enables the designation of zones with relatively different levels of pollution and the determination of the sources of pollution and the directions of its spread. The challenges include the validation of biomonitoring methods and demonstration that biomonitoring can effectively compete with classical methods of monitoring surface water quality. The aim of this Special Issue is to provide an overview of the latest trends in monitoring biological surface water. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Biological_Monitoring

Guest Editor

Prof. Dr. Małgorzata Rajfur
Institute of Biology, University of Opole, 45-032 Opole, Poland

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Water
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Dr. Jean-Luc PROBST
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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