Special Issue

The Management of Eutrophication, Harmful Algal Bloom and Ecological Health in Freshwater Ecosystems

Message from the Guest Editors

Freshwater is a critical resource for the survival of human beings and other biota. However, freshwater ecosystems globally are facing unprecedented threats induced by a broad range of human activities. Moreover, climate change is aggravating these threats in unpredictable ways. Eutrophication, which causes the occurrence of harmful algal blooms, is the most common problem faced by freshwater systems. Cyanobacteria blooms produce harmful materials, including toxins and off-flavor substances, and are regarded as potential hazards, particularly with respect to water resource management and ecosystem health. This Special Issue was developed with the aim of highlighting studies aiming to improve scientific understanding and strategies for sound aquatic ecosystem management and services for researchers, decision-makers, and stakeholders. We seek research papers on various aspects of eutrophication, harmful algae, and ecosystem health in relation to land use, watershed management, climate change, and restoration. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/H87SK38AHE

Guest Editors

Prof. Dr. Soon-Jin Hwang

Prof. Dr. Min-Ho Jang

Dr. Jongkwon Im

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

mdpi.com/journal/water

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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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