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Cyanobacteria Harmful Bloom Remediation Enabling Eco-Technology for Water Reclamation

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Message from the Guest Editors

HABs are posing serious constraints on the use of freshwater resources worldwide. The presence of cyanobacterial toxins in the water demands the application of expensive treatments to turn highly contaminated water into water for consumption. In this context, it is thus imperative to develop economic, sustainable, and effective technologies to remove this kind of contaminants and enable water reclamation for different purposes, namely, agriculture irrigation.

This Special Issue is devoted to novel (bio)remediation technologies for cleaning contaminated freshwaters affected by HABs based on their cost-effectiveness, environmental character, and technical applicability. Principles of design and operation of these technologies, their efficiency, and the fate of the biomass and toxins are of particular interest. This Special Issue aims at including both fundamental research carried out on nature-based solutions for cyanotoxins and harmful cyanobacteria but also applied research showing piloting and full-scale systems.

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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.

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