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Message from the Guest Editors

Dear Colleagues,

Harmful algal blooms (HAB) pose serious threats to water quality, human health, economic development, ecological balance, landscape aesthetics, and social stability. Thus, it is urgent to draw the attention of researchers to make great efforts to eliminate HAB threats.

Lake and river restoration heavily depends on integrated basin management and technical developments. An integrated water restoration management aims to promote the coordinated development and management of water, land, and related resources. Nutrient recovery are expected to be valuable resources to promote agricultural sustainability and aquatic ecology. Long-term monitoring of water quality and ecological responses, as well as whole water experiments, are necessary for a comprehensive evaluation of innovative restoration methods.

This Special Issue of Water aims to compile the latest advances in lake and river restoration technology, in terms of advanced materials, applications, evaluation, and management. We foresee that the papers in this Special Issue will significantly contribute to eutrophication control, natural water sustainability, and ecological restoration.
Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world’s water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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