Special Issue

Lake and River Restoration: Method, Evaluation and Management

Message from the Guest Editors

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.

Guest Editors

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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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