Special Issue

Restoration of Freshwater Ecosystems

Message from the Guest Editor

Dear colleagues, Multiple human activities have adverse impacts on freshwater ecosystems. Hydromorphological transformations, including dams and dikes, river diversions, watershed deforestation, polluted effluents and the release of heavy metals, and the introduction of invasive species, result in the disconnection of habitats, elimination of key species and components of aquatic ecosystems, and alteration of water chemistry and habitat quality. Freshwater ecosystem restoration is the only solution for highly degraded rivers, lakes and wetlands, to improve biodiversity, water quality, ecosystem services and ecological functionality. We would like to invite you to present your contribution on the rehabilitation of inland water resources, including ecological engineering practices and innovative eco technologies, as well as spatial-temporal analyses of restoration results and long-term ecosystem functioning. The papers may cover restoration projects before, during and after treatment. Policy instruments and community engagement may also be included, to emphasize the socio-economic objectives of freshwater ecosystem restoration.

Guest Editor

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Deadline for manuscript submissions

closed (30 December 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/121512

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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
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