Special Issue

River Restoration: Monitoring, Appraisal and Management

Message from the Guest Editors

Freshwater is critical to biodiversity and to providing communities with access to health and socio-economic services, yet the importance of freshwater ecosystems is often overlooked. According to the Living Planet Index, freshwater species are declining at more than twice the rate of terrestrial or marine species. However, increasing attention is now being paid to the restoration of ecosystems to help limit and mitigate the effects of climate change, to ensure the sustainable provision of essential ecosystem services, and to stem the loss of habitats and species. Indeed, the United Nations has proclaimed 2021–2030 to be the Decade on Ecosystem Restoration. This Special Issue focuses on river restoration monitoring, appraisal, and management. We invite the submission of contributions that highlight best practice in the development and implementation of schemes for monitoring and assessment of river restoration that will inform effective restoration measures and the application of nature-based solutions. We welcome original research papers, case-studies, and critical reviews.

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Deadline for manuscript submissions

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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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