Special Issue

Research on River Environmental Flows and Habitat Restoration

Message from the Guest Editors

We seek high-quality papers that address the multifaceted aspects of environmental flows and the restoration and conservation of riverine habitats: To explore the latest scientific findings and technological advancements in the field of river environmental flow management; To understand the ecological, hydrological, and environmental impacts of altered flow regimes on riverine ecosystems; To evaluate the effectiveness of various habitat restoration techniques and their implications for biodiversity conservation; To foster interdisciplinary dialogue and collaboration to develop sustainable river management strategies. Key Topics:

- Assessment of environmental flow requirements for different river types and ecosystems.
- Modelling and prediction of ecological flow regimes under climate change scenarios.
- Impacts of hydropower development, water abstraction, and land-use changes on riverine habitats.
- Restoration of riparian zones, floodplains, and wetlands for enhanced ecosystem services.
- Integration of ecological flow and habitat restoration into water resource planning and policy.
- Use of innovative technologies and monitoring tools for river ecosystem health assessment.

Guest Editors

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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

Dr. Jean-Luc PROBST
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