

Special Issue

Water Resource Management for Ecosystem Health: Theory, Methods and Applications

Message from the Guest Editor

Freshwater ecosystems that comprise less than 1% of the Earth's surface are under increasing pressure from climate change, extractions for human uses, and water pollution. The water management community needs new tools and thinking around how to adapt to these growing pressures. A broad range of strategies ranging from prescriptive minimum flows requirement to focus on iconic or umbrella ecosystem assets exists but most of them are in conflict with human uses. This special issue requests papers that explores adaptive water management with a focus on ecosystem health. The issue topics will range from how to better address the conflict between ecosystem health and human needs, advancement in modelling tools and case studies where adaptive management has been implemented and their outcomes.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2023)



Water

an Open Access Journal
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Impact Factor 3.0
CiteScore 6.0



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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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