

Special Issue

Integrated Approaches to Water Resources and Environmental Management: Innovations in Simulation and Impact Assessment

Message from the Guest Editors

As global water challenges escalate due to climate change, urbanization, and population growth, innovative solutions are crucial for effective decision-making and sustainable practices. This Special Issue aims to explore cutting-edge methodologies and technologies in water resources management. Contributions will focus on integrated approaches that combine hydrological modeling, environmental assessments, and stakeholder engagement to enhance water management strategies. We invite papers that discuss novel simulation techniques, data-driven decision support systems, and case studies showcasing the successful implementation of integrated frameworks. This Special Issue seeks to highlight interdisciplinary research that advances our understanding of water systems and their interactions with the environment. By fostering collaboration among scientists, policymakers, and practitioners, we aim to generate insights that inform effective management practices, promote resilience, and ultimately contribute to the sustainable use of water resources.

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

Dr. Jean-Luc PROBST

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