

Special Issue

Advances in Hydroinformatics for Sustainable Water Management in a Changing Environment

Message from the Guest Editors

Over the last four decades, hydroinformatics has emerged as an important scientific field that encompasses and combines knowledge from various disciplines associated with technological innovations for the benefit of improving our understanding and the development of novel procedures for sustainable water management. From its historical focus on hydrology and hydraulics modeling, hydroinformatics has gradually addressed a wider spectrum of water-related issues, including their social dimensions. Today, most water management actions rely on hydroinformatic methods and tools that are able to deal with the complexity of water environments and to provide more efficient solutions to the society's problems... The main purpose of this Special Issue is to propose a collection of selected original papers presenting the state-of-the-art review of recent advances and emerging challenges in the application of hydroinformatics in water management. Papers are particularly solicited to provide perspectives linked to new theoretical developments, improvements of communication protocols... For further reading, please visit the [Special Issue website](#)

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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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