Special Issue

Hydroinformatics and Integrated Urban Water Management

Message from the Guest Editors

Urban water systems are characterized by high complexity and are composed of different types of interconnected infrastructures supporting multiple critical services. These systems are continuously stressed by uncertainties in the supply (e.g., climate crisis) and demand (e.g., urbanization, geopolitical changes) side, the inevitable aging of water infrastructures, and the lack of related investments. To address the water-related challenges, smarter hydroinformatics applications, digital services, and tools are continuously being developed and deployed to support the integrated management of urban water systems. Such developments have been substantially fostered by the ever-increasing deployment of information and communication technologies (ICT), advances in computational power, and the continuous expansion of AI/ML solutions in the water sector. The ongoing research activities and solutions are extended to a wide spectrum of interconnected and overlapping fields [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Hydroinformatics_Management

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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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