

Hydroinformatics and Integrated Urban Water Management

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Message from the Guest Editors

Dear Colleagues,

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 [...]

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Special Issue



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