

Special Issue

Frontiers in Urban Water Infrastructure

Message from the Guest Editors

This special issue invites articles that present innovative approaches to study the socioeconomic impacts of water-related hazards on urbanization, as well as to improve the design, maintenance, and retrofitting of urban water infrastructure for better urban water security and sustainable management of water resources. Theoretical or empirical or experimental, or data-driven studies are welcomed. Appropriate topics may include but are not limited to: (1) Impacts of water-related hazards on water infrastructures and hydraulic structures, (2) mitigation, adaptation, and infrastructure design and retrofitting strategies for improving the community preparedness and resilience of urban water system, (3) social-technical dimension for integrated water resources management, such as public engagement, education, and collaborative planning, and (4) multi-criteria and multi-objective decision support for the operation and design of urban water system [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/urban_water_infrastructure

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2021)



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About the Journal

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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