

## Special Issue

# Sustainable Management of Water Distribution Systems

### Message from the Guest Editors

Water distribution systems (WDSs) are complex infrastructures designed to reliably process, store and supply potable water to consumers. Efficient and flexible managing strategies of WDSs are needed to reach these goals in a sustainable way and to maintain high performance of the water infrastructure over time.

WDSs around the world are facing major challenges related to water scarcity, aging of infrastructures and climate change impacts. This Special Issue intends to collect contributions about critical aspects of water distribution. The specific focus will be on the sustainable management of water distribution systems, including mitigation of problems related to intermittent supply, equity in water distribution among users and water leakage management. Pressure managing strategies, real-time control techniques and district-metered areas are included in the topics of this Special Issue.

Contributions may concern experimental, modeling and review works.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 April 2025)



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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