

Special Issue

Water Supply System Reliability, Resilience, Safety and Risk Modelling & Assessment, 4th Edition

Message from the Guest Editors

The special issue's proposed approaches aim to address a wide spectrum of issues related to the reliability, resilience, safety, and risk modelling and assessment of water supply systems. Topics of interest include (but are not limited to):

- multi-hazard risk modeling and resilience of urban water services;
- urban drainage and stormwater management (including flood risk);
- water quality and contamination risk (including emerging contaminants);
- wastewater treatment/reuse and nature-based solutions supporting service continuity;
- non-revenue water (NRW) and water loss control (leak detection and localization, pressure management, AMI/DMA);
- digital transformation of WSS (IoT/SCADA/GIS integration, digital twins, decision support, and early warning systems);
- cyber-physical resilience (OT/SCADA cybersecurity and incident preparedness);
- and climate- and urbanization-driven stressors, together with adaptation strategies for reliable and safe water supply.

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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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