

Special Issue

Water Supply System Reliability, Resilience, Safety and Risk Modelling & Assessment, 3rd Edition

Message from the Guest Editors

The reliability and safety of engineering systems are permanent scientific and operational issues. They become even more pressing issues if these engineering systems belong to critical infrastructures. Water supply systems are part of the critical infrastructure of modern societies. The first mission of a water supply system is to provide households with potable water in the required quantity, at the appropriate pressure, and on demand, as required by statutory regulations. Risk assessments are primarily focused on supply disruption risk (shortage or deficit) and its consequences on the environment, consumer health, and the global security of the city. Examinations of the current operational state, potential major threats, and the related hazards should all be part of every risk assessment. The proposed approaches are meant to address a wide spectrum of water supply system reliability, resilience, safety, and risk modelling, as well as assessment issues.

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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

Dr. Jean-Luc PROBST

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