

Special Issue

Water Supply System Reliability, Safety and Risk Modelling & Assessment, Volume II

Message from the Guest Editors

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

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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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