

## Special Issue

# Multi-Quality Water Distribution Systems Analysis: Simulation and Management

### Message from the Guest Editor

The interest in modeling flow and water quality in water distribution systems stems from three types of circumstances: (1) Use of waters from sources with different qualities in a single distribution system. (2) concern in municipal water distribution systems over water quality changes, and (3) deliberate or accidental events in which contaminants enter a drinking water distribution system and are distributed with flow.

This Special Issue is aimed at covering the state-of-the-art on all aspects of multi-quality simulation and management in water distribution systems. Those include (but are not limited) to new simulation techniques for incorporating water quality complex parameters in water distribution systems modeling, optimization techniques for water quality incorporation as constraints or objectives in water distribution systems, uncertainty inclusion in modeling water quality in distribution systems, and calibration methods for multi-quality water distribution systems. Comprehensive review papers on water quality in distribution systems are also welcome.

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### Guest Editor

Prof. Dr. Avi Ostfeld

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### Deadline for manuscript submissions

closed (31 July 2021)



## Water

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CiteScore 6.0



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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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