

Special Issue

Water Distribution System Quality Analysis and Control

Message from the Guest Editors

Water distribution systems (WDS) deliver high-quality water in specified quantities. Recent studies have identified WDS as a probable cause of acute and chronic health risks for a significant segment of the population. These findings are associated with the increased demand for water quality with higher human living standards. WDS monitoring assumes a key and dynamic role in this regard.

This Special Issue welcomes original research papers and systematic reviews on various aspects of WDS quality analysis and control, from the real-time monitoring of water quality, forecasting contamination events, meeting water quality standards, and maximizing water quality reliability. We encourage the submission of interdisciplinary work and collaborative research on comprehending the physicochemical and biochemical mechanisms concerning the quality characteristics inside WDS. We also encourage the submission of manuscripts that focus on emerging contaminants and other advanced water quality parameters of concern.

Guest Editors

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Deadline for manuscript submissions

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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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