

Special Issue

Water Quality Management in Water Distribution Networks

Message from the Guest Editor

Due to continuous urbanization, there is increasing demand for tap water in cities. Aging infrastructure, emerging pathogens, micropollutants and demand for higher standard from the consumers is creating pressure on water companies. Water distribution networks have become the most vulnerable section of the drinking water supply. Despite the availability of the new types of sensors, information technologies, and analytical methods, the rate of integration of these innovation in water distribution network systems is not sufficient. The aim of the Special Issue is to gather up-to-date knowledge and the best practices of water quality management in water distribution networks and application of new solutions in the water networks. A wide range of topics including water quality, leakage, water safety plants, quality modelling, hydraulics, and biostability as well social–economical aspects of water in the cities are welcome in this Special Issue. For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/WaterQuality_Distribution

Guest Editor

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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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