

Special Issue

Drinking Water Pipe Network and Water Quality Safety

Message from the Guest Editor

The water quality safety of drinking water distribution systems has always been a hot spot since people's demand for a better life has increased. The pipeline materials, biofilm on the pipe wall, the type and quantity of microorganisms in the water, and the concentration of residual disinfectants affect the water quality of drinking water distribution systems. Research on the biofilm on pipe walls and the influence of factors such as biofilm characteristics, microbial change laws, and pipe materials can provide an effective reference for the control of water quality in water distribution systems. In recent years, with the improvement in water quality standards, and the application of new treatment technologies and new pipe materials, the requirements for water quality in drinking water distribution systems have continued to increase; thus, understanding how to improve the water quality is an important issue for researchers [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/drinking_water_safety

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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