

Special Issue

Drinking Water Quality and Health Risk Assessment

Message from the Guest Editor

At present, the safety of drinking water supply faces problems, such as pollution of drinking water sources, insufficient water quality, backward treatment technology of existing water supply plants, and pollution of the water supply pipe network system. However, at the same time, the demand for high-quality drinking water is increasing. This contradiction inevitably poses a huge risk to the quality of drinking water. These threats include organic matter, heavy metals, nutrients, emerging pollutants, and more. The main objective of this topic is to collect new monitoring, assessment, and treatment techniques related to drinking water quality. We welcome the use of successful risk assessment models to assess the quality of water affected by the environment, including disinfection by-products, nutrients, heavy metals, organics, microplastics, metal nanoparticles, and more. It also includes an assessment of water quality caused by human actions, such as human mining, industrial wastewater discharge, and agricultural activities. New water treatment technologies are also very welcome.

Guest Editor

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Deadline for manuscript submissions

closed (25 March 2024)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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