# Special Issue

# Advanced Treatment and Disinfection Technologies for Water and Wastewater

## Message from the Guest Editors

The advanced treatment and disinfection of drinking water and wastewater is essential to human health. Emerging contaminants, especially organic contaminants and pathogens, are the most important pollutants that need to be controlled. This Special Issue focuses on contaminants during the advanced treatment of drinking water and wastewater, new mitigation strategies to address the presence of contaminants, and health implications related to the exposure to contaminants and the control of oxidation/disinfection by-products. The topics of this issue include, but are not limited to: (1) innovative technologies related to the advanced treatment of water and wastewater (2) innovative technologies and practices related to water and wastewater disinfection (3) biostability control in drinking water; (4) the formation, fate and control of oxidation/disinfection by-products; (5) risk-based assessment approaches for the processes involved in water and wastewater treatment; and (6) other water treatment technologies and water quality improvement strategies.

## Guest Editors

Prof. Dr. Gang Wen

Prof. Dr. Shiquan Sun

Prof. Dr. Zhengqian Liu

## Deadline for manuscript submissions

closed (15 December 2024)

**Water**

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# About the Journal

## 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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