

Special Issue

Advanced Treatment of Water and Wastewater: Methods, Challenges, and Trends

Message from the Guest Editors

Due to the changes in our lifestyles and rapid industrialization, several organic and inorganic pollutants are introduced into our environment, especially in water bodies. These pollutants are known as either emerging pollutants or micropollutants. Most pollutants are toxic in nature even in low concentrations. At the same time, the toxicity of a few pollutants is not clearly known. Treatment of these pollutants from a water medium is a challenging task due to its lower concentrations, as well as its recalcitrant nature.

The present Special Issue focuses on the treatment of emerging and micropollutants in water and wastewater. We call for original research papers with high scientific quality as well as state-of-the-art review articles covering but not limited to the following topics:

- Advanced treatment of water and wastewater containing emerging and micropollutants;
- Fate and transport of pollutants in water media;
- Novel methods to identify the emerging and micropollutants;
- Development of cost-effective methods;
- Development of household drinking water treatment units.

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Deadline for manuscript submissions

closed (30 December 2023)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/169616

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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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