

Special Issue

Advanced Treatment Technologies for Emerging Contaminants in Wastewater

Message from the Guest Editor

Emerging contaminants (ECs), such as pharmaceuticals, personal care products, microplastics, endocrine-disrupting chemicals, and other trace organic pollutants, represent a growing threat to water quality and ecosystem health. Recent progress in materials science, bioengineering, and chemical processes has led to the emergence of innovative treatment methods for ECs, including adsorption, advanced oxidation processes (AOPs), membrane technologies, biological treatments, and hybrid systems. These approaches offer high efficiency and adaptability while contributing to sustainable wastewater management. This Special Issue invites contributions that explore cutting-edge research and review papers focusing on advanced technologies for the removal of emerging contaminants from wastewater. Topics of interest include, but are not limited to, novel materials, process optimization, the integration of advanced treatment methods with existing systems, pilot- and full-scale studies, and assessments of environmental and economic impacts.

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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