

Emerging Micropollutants in Water and Wastewater: Recent Tendencies, Treatment Options and Perspectives

Guest Editors:

Dr. Anna Wołowicz

Department of Inorganic
Chemistry, Institute of Chemical
Science, Faculty of Chemistry,
Marie Curie-Skłodowska
University, Maria Curie-
Skłodowska Square 2, 20-031
Lublin, Poland

Dr. Monika Wawrzekiewicz

Department of Inorganic
Chemistry, Institute of Chemical
Science, Faculty of Chemistry,
Marie Curie-Skłodowska
University in Lublin, 20-031
Lublin, Poland

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Emerging micropollutants (EMPs) also called as contaminants of emerging concern are discharged into the environment from a diverse range of sources and are of special concern to scientific researchers around the world.

Novel and emerging micropollutants in water or wastewater have made traditional treatment strategies ineffective in meeting environmental standards. The treatment processes of EMPs comprise several approaches such as physico-chemical, biological and advanced oxidation processes. Most of the conventional known wastewater treatment methods are not designed to completely remove EMPs but employ a combination of different treatment methods that can enhance the removal efficiency of emerging micropollutants. The selection of a suitable treatment method depends, among others, on the type of emerging micropollutants present, the contaminated water or wastewater source and the requirements of environment standards.

This Special Issue of *Water* will collect the results of the newest research trends, technologies and perspectives in the field of emerging micropollutants removal and will provide the current state of the art in the area.





water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)