

Special Issue

Research on Advanced Methods of Wastewater Treatment: Methods to Meet the Complexity of Emerging Wastewater Contaminants

Message from the Guest Editor

The complexity of wastewater presents an enormous challenge for remediation with increasing loading of priority pollutants emerging from a variety of waste streams. This is coupled with increasing volumes of microplastics which provide a host to these priority pollutants, increasing the lifetime of the pollutant within a water stream. There is a great challenge to be addressed by various researchers within the wastewater treatment industry. Researchers investigating advanced methods of wastewater treatment have developed pathways to solve this problem; however, scaling up research from the laboratory to pilot scale continues to be a challenge. Advanced oxidation processes, reactor development and membrane technology are amongst a number of areas focused on by researchers keen to solve this 21st century problem. We invite papers to this Special Issue of *Water* pertaining to the following: research on advanced methods of wastewater treatment: methods to meet the complexity of emerging wastewater contaminants.

Guest Editor

Dr. Cathy McCullagh

RGU · School of Engineering, Robert Gordon University, Aberdeen, UK

Deadline for manuscript submissions

closed (31 December 2021)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/71182

Water

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

water@mdpi.com

mdpi.com/journal/

[water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://mdpi.com/journal/water)



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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

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 (Aquatic Science)