

## Special Issue

# Oxidative Processes in Water and Wastewater Treatment Systems

### Message from the Guest Editors

Oxidative processes are important elements for established and innovative water treatment as they provide simultaneous oxidation of chemicals and disinfection and can be applied to drinking water treatment, advanced wastewater treatment, as well as non-potable and potable reuse. We invite researchers to contribute experimental and computational studies as well as critical reviews to this Special Issue of *Water* with the following topics:

- Reaction mechanisms during oxidative water treatment
- Systematic understanding of transformation product formation and their persistence, mobility, and toxicity in the environment
- Efficiency and mechanism of pathogen and antibiotic microbial resistance removal in oxidative treatment processes
- Development of novel concepts and materials for advanced oxidation of trace organic chemicals
- Comparative assessment of different (advanced) oxidation processes.

The deadline for abstract submissions is **30 April 2021**. For further reading and abstract submission please visit the [Special Issue Website](#).

---

### Guest Editors

Dr. Uwe Hübner

Chair of Urban Water Systems Engineering, Technical University of Munich

Prof. Dr. Holger Lutze

Technical University Darmstadt

Dr. Jannis Wenk

Lecturer in Water Science and Engineering – Department of Chemical Engineering – University of Bath, UK

---

### Deadline for manuscript submissions

closed (31 October 2021)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/48577](https://mdpi.com/si/48577)

*Water*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[water@mdpi.com](mailto: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)