

## Special Issue

# Innovative Technologies for Wastewater and Water Treatment

### Message from the Guest Editors

The decline in global water quality and the tightened wastewater discharge standards are posing a considerable challenge in the current global water industry. Thus, innovative technologies are urgently needed for wastewater and water treatment to ensure environmental and economic sustainability. This Special Issue aims to provide a platform for global researchers to disseminate recent technological developments and engineering solutions in the areas of wastewater and water treatment. Within this context, we would like to invite you to submit original research and review articles to disseminate and share the new findings on wastewater and/or water and treatment. Potential topics include but are not limited to the following:

- Novel membrane processes
- Advances in the development of innovative water and wastewater treatment technologies such as microalgae, granular sludge, advanced oxidation, and ion exchange
- New insights on sustainable nutrient removal and energy/resource recovery from wastewater
- Emerging contaminants such as antibiotic resistance genes and microplastics

---

### Guest Editors

Dr. Qilin Wang

Dr. Dongbo Wang

Dr. Yingqun Ma

Dr. Jing Sun

Dr. Li Gao

---

### Deadline for manuscript submissions

closed (20 October 2021)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/41358](https://mdpi.com/si/41358)

*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)