

## Special Issue

# Sustainable Water and Wastewater Treatment

### Message from the Guest Editors

With the increment of world population and economics, water pollution has become a great issue. The contaminants in water and wastewater, if directly discharged to rivers or lakes without proper treatment, may pose potential threats to aquatic microorganisms and human beings. This Special Issue focuses on the latest developments of advanced technologies such as membrane filtration, advanced oxidation, activated carbon adsorption, etc., as well as conventional physical, chemical and biological processes (e.g., coagulation, sand filtration, disinfection, activated sludge processes, etc.) for the removal of dissolved organic matter, trace organic compounds, antibiotic-resistant bacteria, and genes for water and wastewater treatment. In addition, contaminant removal mechanisms and energy utilisation evaluations are also included. Researchers in the field of water and wastewater treatment are invited to submit their original research findings or literature review articles to this Special Issue. For further reading, please follow the link to the special issue website at:

[https://www.mdpi.com/journal/water/special\\_issues/U87FZ5QSBC](https://www.mdpi.com/journal/water/special_issues/U87FZ5QSBC)

---

### Guest Editors

Dr. Tian Li

Prof. Dr. Shuili Yu

Dr. Junxia Liu

---

### Deadline for manuscript submissions

closed (20 April 2024)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/139500](https://www.mdpi.com/si/139500)

*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://www.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)