

## Special Issue

# Carbon Neutrality and Wastewater Treatment

### Message from the Guest Editor

Nowadays, global warming has become one of the major challenges, carbon neutrality is attracting more and more attention in various industries.

This special issue invites the submission of original research papers or review papers covering the latest findings and progresses in this field. The below issues related to carbon neutrality and wastewater treatment are welcomed:

Carbon neutrality and water environment treatment and aquatic ecosystem restoration

Greenhouse gas emission during wastewater treatment

Advanced wastewater treatment process, greenhouse gas emission and carbon neutrality

Greenhouse gas reduction technologies during wastewater treatment

Resource and energy recovery from wastewater treatment and carbon neutrality

Greenhouse gas emission and reduction during wasted sludge treatment

---

### Guest Editor

Prof. Dr. Xuliang Zhuang

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/85322](https://mdpi.com/si/85322)

*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/](https://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)