



*water*

an Open Access Journal by MDPI



## Advanced Engineering Design of Wastewater Treatment

Guest Editors:

### **Dr. Jinlong Wang**

State Key Laboratory of Urban Water Resource and Environment (SKLUWRE), School of Environment, Harbin Institute of Technology, Harbin 150090, China

### **Dr. Xiaobin Tang**

School of Environment, Harbin Institute of Technology, Harbin, China

Deadline for manuscript submissions:

**closed (27 February 2023)**

### **Message from the Guest Editors**

Recently, researchers have focused on different types of engineering of wastewater treatment with cleaner water, lower cost, fewer carbon emissions or easier maintenance.

This Special Issue welcomes contributions on novel engineering designs that effectively treat wastewater, including materials, technologies, processes, data analytics. This topic in the field of wastewater treatment involves physical, chemical and biological methods with an emphasis on engineering design, such as aerobic, anaerobic, electrochemical, membrane-based and physical-chemical designs.

We also welcome original research papers and reviews on all aspects of the relationship between engineering and wastewater. Innovative advancements that upgrade lab-based discovery to field-based applications will be of particular interest. Papers containing engineering principles that are integrated with knowledge from other disciplines are also welcome. Environmental materials and technologies for monitoring, sensing, assessing environmental contaminants, and cleaner sustainable processes are encouraged.

For more details, please find at:  
[https://www.mdpi.com/journal/water/special\\_issues/](https://www.mdpi.com/journal/water/special_issues/)

ZB48L6782D



[mdpi.com/si/130841](https://www.mdpi.com/si/130841)

# Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## 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.

## 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 (Water Science and Technology)

## Contact Us

---

Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)