

Special Issue

Removal of Organic Pollutants from Water and Wastewater: Biomass-Using Processes

Message from the Guest Editor

The presence of organic pollutants in water and wastewater represents an increasingly critical environmental challenge on a global scale. Biomass-based treatment technologies are gaining significant scientific and industrial attention. This Special Issue invites submissions of original research articles and comprehensive reviews. Topics of interest include, but are not limited to:

- Biomass based adsorption systems for the removal of organic pollutants;
- Microbial biomass and biofilms for the biodegradation and biotransformation of organic contaminants;
- Fungal and algal biomass technologies in water and wastewater treatment;
- Biochar and biomass derived activated carbons;
- Mechanistic insights into microbial transformation of organic pollutants;
- Hybrid treatment systems combining biomass with physicochemical processes;
- Valorization, regeneration, and reuse of spent biomass from treatment processes.

Guest Editor

Prof. Dr. Wioletta Przysaś

Faculty of Energy and Environmental Engineering, Silesian University of Technology, Gliwice, Poland

Deadline for manuscript submissions

25 September 2026



Water

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 6.7



mdpi.com/si/273291

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 3.5
CiteScore 6.7



[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)