

Special Issue

Advanced Adsorption Technology for Water and Wastewater Treatment

Message from the Guest Editor

This Special Issue is dedicated to exploring the latest advancements in adsorption technology for water and wastewater treatment. I invite contributions that cover, but are not limited to, the following topics:

- Innovative adsorption materials and their applications in water and wastewater treatment.
- Advanced adsorption processes and their efficiency in removing various contaminants.
- The development and optimization of adsorption-based systems for water purification.
- The impact of adsorption technology on the control of by-products and secondary contaminants.
- Economic and environmental assessments of adsorption-based water/wastewater treatment solutions.
- Future trends and challenges in the development of adsorption technologies for water and wastewater treatment.

I look forward to your submissions and to advancing our understanding and application of adsorption technology in water and wastewater treatment. Best regards,

Guest Editor

Dr. Daniela Fighir

Department of Environmental Engineering and Management, Gheorghe Asachi Technical University of Iasi, 73 D. Mangeron Street, 700050 Iasi, Romania

Deadline for manuscript submissions

20 August 2025



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/212736

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)