



Advances in Urban Wastewater Treatment Using Membrane Processes

Guest Editors:

Dr. Agata Zdarta

Department of Organic Chemistry, Faculty of Chemical Technology, Poznan University of Technology, 60965 Poznan, Poland

Dr. Katarzyna Anna Jankowska

Department of Chemical and Biochemical Engineering, Process and Systems Engineering Centre (PROSYS), Technical University of Denmark, Kongens Lyngby, Denmark

Deadline for manuscript submissions:

closed (10 May 2025)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present novel approaches to membrane technologies applied in urban wastewater treatment, as well as the utilization of urban wastewater membrane technologies for valuable substance recovery from wastewater and the implementation of various membrane types and reactors for efficient separation of multiple compounds to support the sustainability of urban society.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Advanced membrane technologies for wastewater treatment.
- Membrane bioreactors.
- Wastewater emerging contaminants separation.
- Membrane separation and recovery of valuable compounds.
- Advances in membrane materials.
- Membrane-based processes in wastewater.
- Advances in membrane technologies and membrane fouling.
- Selective membranes in urban wastewater treatment.
- Sustainable membrane technologies.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)