

Special Issue

The Treatment and Recycling of Industrial Wastewater Under Low-Carbon Constraints

Message from the Guest Editors

In line with more stringent standards and requirements for industrial wastewater treatment, conventional water treatment processes, at the cost of high carbon emissions to reduce pollution, cannot meet the aim of sustainability. Relevant research has shown that resource recovery and waste-to-energy from industrial wastewater can be achieved through the oriented transformation and separation of pollutants, thus enabling sustainable wastewater treatment. At the same time, using new energy and sustainable products can further promote the realization of low-carbon or even zero-carbon industrial wastewater treatment. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- High-salt wastewater;
- Fine chemical wastewater;
- Refractory organic wastewater;
- Wastewater catalytic treatment;
- Wastewater reuse and recycling;
- Low-carbon water treatment theory and technology;
- Paths and methods of resource utilization.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Huangzhao Wei
Dr. Jinglong Han
Dr. Wen-Tao Li

Deadline for manuscript submissions

closed (25 September 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/189744

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)