





an Open Access Journal by MDPI

Industrial Wastewater Sustainable Treatment and Reuse

Guest Editor:

Dr. Joanna Boguniewicz-Zabłocka

Department of Mechanical Engineering, Opole University of Technology, 45-271 Opole, Poland

Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editor

Nowadays, industry around the word accounts for approximately one-third of all water usage. Furthermore, the demand for water is growing, contributing to increased water scarcity in water-stressed areas. In order to meet the needs of the growing population, the amount and complexity of waste generated by industries and their management must be addressed. During manufacturing processes, most industrial plants generate wastewater, which could have harmful effects on the environment. However, the increased focus on sustainability has put additional pressure on industry to limit fresh water use and increase water reuse.

This Special Issue (SI) focuses on sustainable industrial wastewater treatment and reuse in an integrated approach. Efficient industrial wastewater treatment is necessary to reduce pollution and reach a higher percent of water reuse. Furthermore, we aim to help to find and implement reliable solutions for wastewater treatment and reuse considering the possible impact of the water shortage on industrial operations. In this context, This Special Issue also hopes to gather novel studies covering a broad range of topics related to innovative treatment methods.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

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

Contact Us