Special Issue

Sustainable Advanced Water Treatment Technologies

Message from the Guest Editors

Water is a fundamental need for all forms of life. The shortage of freshwater sources and increasing pollution due to industrial activities have exacerbated the situation. By 2025, half of the world's population would be living in water-stressed areas. The development of efficient wastewater treatment processes is a collective responsibility of the scientific community in the field.

Advanced wastewater treatment technologies that can produce high-quality treated effluents have become a research hotspot in recent years. These technologies include membrane-based separation technologies, bioelecterochemical systems, and nanomaterials for adsorption and degradation through advanced oxidations process (AOPs), etc. Despite significant performance achievements, non-sustainable chemical precursors have practically limited scale-up applications of highly effective water treatment technologies.

We have established this Special Issue to call for papers addressing recent developments in sustainable advanced wastewater treatment technologies for water reclamation and resource recovery. Studies related to this field are warmly welcomed to submit to this special issue.

Guest Editors

Dr. Muhammad Rizwan Haider

Dr. Jinglong Han

Dr. Muhammad Bilal Asif

Deadline for manuscript submissions

closed (1 March 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/104830

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

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

MDPI

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. *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 initiatives and applications of sustainability-based measures and activities.

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

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)