

Special Issue

Innovative Nanotechnology-Based Solutions for Sustainable Water and Wastewater Treatment

Message from the Guest Editor

This Special Issue focuses on the advancements in the application of functional nanomaterials and nanobubble technology in water and wastewater treatment processes. The aim is to provide a platform for researchers to report advances in innovative nanotechnology-based solutions to stimulate sustainable water and wastewater treatment options. In this regard, I would like to invite the contribution of original scientific research works as well as review articles related, but not limited, to the following topics:

- Synthesis and application of advanced nanostructured materials for wastewater treatment.
- Nanocomposite separation membranes for wastewater treatment and water desalination.
- Nanomaterial-based photocatalytic/electrochemical processes for wastewater treatment.
- Nanobubbles in water and wastewater treatment.
- Nanosensors in wastewater quality monitoring.

Guest Editor

Dr. Muhammad Usman Farid

School of Energy and Environment, City University of Hong Kong, Hong Kong

Deadline for manuscript submissions

closed (22 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/153841

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)