Special Issue

Novel Materials, Techniques, and Process for Sustainable Treatment of Seawater/Wastewater

Message from the Guest Editors

Treatment of seawater and wastewater has become a technology of paramount importance owing to the increasing level of freshwater scarcity. The prominent techniques adopted for satisfying the freshwater need of humans are thermal- and membrane-based desalination technologies. The ultimate objective of research on any freshwater production technology is to improve its efficiency through effective heat transfer with minimum loss to the environment. This Special Issue will present such research efforts (theoretical, experimental, and simulation) made in terms of process, materials, and other significant techniques to improve the efficiency of the desalination process. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Water Treatment
- Desalination
- Novel Materials
- Novel Process
- Role of Nano-materials
- Performance improvement techniques

We look forward to receiving your contributions.

Guest Editors

Dr. Ravichandran Santosh

Prof. Dr. Govindaraj Kumaresan

Dr. Thirugnanasambantham Arunkumar

Deadline for manuscript submissions

closed (15 June 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/108518

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



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)

