Special Issue

Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future

Message from the Guest Editors

The ever-increasing energy demand and reliance on fossil fuels have led to global climate change and energy insecurity, which cause widespread concern. Therefore, developing sustainably energy from abundant waste for a future of net-zero carbon emissions is timely and appropriate, and is considered a vital solution for environmentally sustainable, economically viable, and non-fossil energy resources. We are pleased to announce a Special Issue on “Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future”. In this specific research context, we aim to gather original research papers, reviews, case studies, and technical notes highlighting the up-to-date and state-of-the-art breakthroughs and innovations in the field of waste-to-energy technologies (e.g., hydrothermal liquefaction, electrochemistry, etc.) and green chemistry (e.g., ionic liquid, deep eutectic solvents, etc.). This Special Issue will also include contributions on topics such as energy storage devices and materials, electric vehicles, renewable energy systems, techno-economical assessments, circular economy, and life cycle assessment.

Guest Editors

Dr. Hong Duc Pham

Dr. G Krishnan Syam

Dr. Ashok Kumar Nanjundan

Dr. Pratheep Kumar Annamalai

Deadline for manuscript submissions

closed (24 December 2024)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/197501

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

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)