

Special Issue

Achieving Environmental Sustainability through Waste Management and Energy Conversion

Message from the Guest Editor

Achieving environmental sustainability through waste management and energy conversion requires the presentation and discussion of information on solid waste generation, characterization, minimization, collection, separation, treatment, and disposal, as well as manuscripts that address waste management policy, education, and economic and environmental assessments. This Special Issue will address various types of solid wastes including municipal (e.g., residential, institutional, and commercial), agricultural, and special (e.g., hazardous household, hazardous and non-hazardous industrial, construction and demolition, and sewage sludge) wastes. Mining, metallurgical, and radioactive wastes are not in the scope of this journal. This Special Issue welcomes both fundamental and applied research that can be related to problems that are of interest to solid waste researchers, practitioners, and/or policy makers.

Guest Editor

Dr. Yunan Chen

State Key Laboratory of Multiphase Flow in Power Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Deadline for manuscript submissions

5 April 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/201184

Sustainability
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 6.8



[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. *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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)