

Topical Collection

Waste Utilization and Resource Recovery

Message from the Collection Editors

With the rapid development of the economy and population growth, a large amount of solid waste has been generated from domestic, industrial, and agricultural activities over the last few decades. Improper treatment and disposal of solid waste have adverse impacts on the ecosystem and human health. Improving our fundamental understanding of various waste disposal processes will help alleviate environmental pollution and establish efficient waste management. In particular, there has been an increasing interest in the use of waste as a resource for energy and nutrient recovery, value-added product generation, and pollution mitigation. Such resource recovery is an effective way to reduce waste and improve sustainability in operation. In waste utilization, it is also necessary to make systematic considerations for a number of critical environmental and technical factors, as well as their interrelationships and the related policy implications.

Collection Editors

Dr. Chunjiang An

Department of Building, Civil and Environmental Engineering,
Concordia University, Montreal, QC H3G 1M8, Canada

Dr. Xiujuan Chen

Department of Civil Engineering, The University of Texas, Arlington, TX
76019, USA



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/41172

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)