



Sustainable Solid Waste Management: Recycling of Mineral Resource and Electronic Waste

Guest Editor:

Prof. Dr. Ping Zhu

School of Environmental and
Chemical Engineering, Shanghai
University, Shanghai, China

Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

In the process of industrialization, the generation of a significant quantity of electronic waste and industrial solid waste presents a promising opportunity for resource recovery. With the advent of the industrialization of LIB recycling, exploring more efficient, economical, and environmentally friendly recycling technologies is imperative. By recycling these valuable metals and materials while reducing the reliance on primary resources, we can effectively address both the scarcity of resources and environmental pollution.

Our aim is to promote the treatment and management of urban mineral resources and reduce pollution. The theme is to encourage researchers to publish their research relating to the recycling of electronic waste, industrial solid waste, and mineral resources.

In this Special Issue, original research articles and reviews include (but are not limited to) the following are welcome.

- Recycling of waste lithium-ion batteries and waste circuit boards;
- Comprehensive utilization of red mud resources;
- Steel slag treatment and resource utilization technology;
- Valuable metals from coal-based solid waste;
- New technology for reusing magnesite tailings.





an Open Access Journal by MDPI

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

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.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)