

Special Issue

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

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.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2024)



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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

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