Special Issue

Treatment, Recycling, and Utilization of Secondary Resources

Message from the Guest Editors

Secondary resources are important components of municipal solid wastes, primarily comprising plastics, metals, electronic devices, and organic waste. By effectively developing and utilizing these secondary resources, it is possible to mitigate environmental pollution from waste, reduce resource consumption, foster the development of a circular economy, and achieve sustainable resource utilization. Advancing the treatment, recycling, and resource utilization of secondary resources in municipal solid waste is essential for environmental sustainability, efficient resource utilization, energy efficiency, economic development, and reducing waste emissions. In this Special Issue, both original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Characteristics of secondary resources (e.g., spent batteries, minerals);
- Secondary resource treatment technologies;
- Recycling and resource utilization;
- Materials from secondary resources;
- Environmental impacts.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Xiangping Chen

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Dr. Jinhe Pan

Dr. Xin Ma

Deadline for manuscript submissions

closed (22 April 2025)



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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

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