

Special Issue

Waste Recycling and Circular Economy: From Trash to Treasure

Message from the Guest Editors

In recent decades, the development of science and technology has made human life easier and more comfortable, but has also built up environmental and economic pressure. It has increased the consumption of primary resources due to the high market demand and huge generation of waste during the production of products, as well as at the user end. This Special Issue invites both research and review articles focused on the broad range of waste recycling options and their conversion into useful products using sustainable technologies. Possible themes of interest include, but are not limited to the following:

- Sustainable processes for different kinds of waste recycling;
- Novel methods for the separation of critical metals from secondary resources;
- Complexity, challenges, and risks in a circular economy;
- Circular economy models for waste recycling and their impact;
- Application of biological processes to recover values from wastes ;
- Food waste treatment: biogas production and bioenergy sustainability.

, and

Guest Editors

Dr. Harshit Mahandra

Dr. Farzaneh Sadri

Dr. Monu Malik

Deadline for manuscript submissions

closed (30 April 2024)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *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

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