



Recovery and Recycling from Waste Streams

Guest Editors:

Dr. Xuan Cuong Nguyen

Department of Environment and Energy, Sejong University, Seoul 05006, Republic of Korea

Dr. Sunil Herat

School of Engineering and Built Environment, Griffith University, Brisbane, QLD 4111, Australia

Dr. Kieu Lan Phuong Nguyen

Faculty of Environmental and Food Engineering, Nguyen Tat Thanh University, Ho Chi Minh City 70000, Vietnam

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Recovery of energy and resource from waste streams contributes to key concepts of circular economy. Significant opportunities exist for waste recovery and recycling during collection, transportation and treatment processes. Thus, promoting, understanding and developing technologies and methods for recovering valuable materials and energy from waste flows are essential.

This special issue presents original studies about energy and resource recovery from waste streams. It also includes new results about waste recycling and sustainable management methods toward the circular economy. Furthermore, this special issue offers a foundation for engineers, managers, and researchers to interchange results and progress in waste recovery, recycling, and linked areas. We invite studies related to one or more of the following topics (but not limited to):

- Recovery of materials from waste (or by-product or wastewater)
- Recovery of energy from waste (or by-product)
- Waste biorefinery
- Recycling of all waste types
- Sustainable waste management toward recovering resources and energy





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)