

Special Issue

Advances in Potential Transformation of Waste Residue into Value-Added Products

Message from the Guest Editors

Rapid growing of human population, agricultural and industrial sectors has increased the demand for feed, energy, and chemicals, leading to a high consumption of fossil-based resources and huge generation of waste by-products. For dismissing the negative impacts of these pollutants, special attention on waste residues transformation must be given to assure pollution free environment. Such wastes including organic and inorganic wastes can be further processed to produce fuels, valuable chemicals, and materials or their combination. However, the transformation processes still remain a challenges and difficulties from the point of view of technologies, environmental concerns, and economic feasibility.

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

- Cleaner and novel technologies

- Biological and thermochemical treatment of wastes
- LCA and LCC for technologies for energy recovery from waste
- Prospective policies and strategies for solid waste management We look forward to receiving your contributions.

Assoc., Ph.D

Guest Editors

Dr. Dwi Hantoko

Dr. Ekkachai Kanchanatip

Dr. Kitirote Wantala

Deadline for manuscript submissions

closed (30 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/157589

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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. *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

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, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)