



Sustainable Waste Management Strategies for Circular Economy

Guest Editors:

**Prof. Dr. Abdel Mohsen Onsy
Mohamed**

Prof. Dr. Muftah El-Naas

Prof. Dr. Munjed Maraqa

Prof. Dr. Evan K. Paleologos

Deadline for manuscript
submissions:

31 May 2025

Message from the Guest Editors

Dear Colleagues,

The transition to a circular economy presents an opportunity to fundamentally reshape waste management practices, minimizing environmental impact and optimizing resource efficiency. While the benefits of the circular economy are clear, several barriers hinder its widespread adoption. These include a lack of awareness, inadequate infrastructure, and resistance to change. Innovation is key to scaling circular economy solutions and achieving sustainable waste management. Developing new materials, processes, and business models that align with circular principles can unlock new opportunities for resource efficiency and waste reduction. Collaboration between research institutions, industries, and governments is vital to foster innovation and accelerate the adoption of circular economy practices.

Therefore, this Special Issue explores sustainable waste management strategies within a circular economy. This Special Issue provides a comprehensive synopsis of how industries and governments can collaborate to achieve a sustainable future by integrating innovative waste management practices, resource recovery, and sustainable design.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)