



Waste Management towards a Circular Economy Transition

Collection Editors:

**Dr. Simone Domenico
Scagnelli**

School of Business and Law,
Edith Cowan University,
Joondalup, WA 6027, Australia

Dr. Meisam Ranjbari

Department of Economics and
Statistics "Cognetti de Martiis",
University of Turin, Lungo Dora
Siena 100 A, 10153 Torino, Italy

Message from the Collection Editors

Dear Colleagues,

The circular economy debate has gained momentum among industries and research communities over the recent years. The transition from a linear economy to a circular economy model in every sector significantly requires the adoption of effective waste management policies, strategies, and actions.

This Special Issue aims at contributing to the domain with novel approaches, advancements, and practices in waste management systems towards the implementation of circular economy principles. Research areas may include (but are not limited to) the following:

- Enabling the circular economy transition in the healthcare industry.
- Environmental impacts and lifecycle assessment of different waste streams in circular economy arena.
- The bio-based sector potentials in implementing circular bioeconomy platforms.
- Food waste management.
- Municipal solid waste management.
- Plastic waste management.
- Construction and demolition waste management.
- E-waste management.
- Agricultural waste management.
- Waste biorefinery approaches in enabling circular economy platforms.
- Energy recovery from waste or waste valorization.
- The COVID-19 pandemic implications for waste management.





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](#)