



Electrical and Electronic Waste: Environmental Impact and Risk Mitigation for Sustainability

Guest Editors:

**Dr. Rangabhashiyam
Selvasembian**

Dr. Nhamo Chaukura

Dr. Nur Izyan Wan Azelee

**Prof. Dr. Jayanta Kumar
Biswas**

Prof. Dr. Lucas Meili

Deadline for manuscript
submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue mainly focuses on understanding the generation routes of electrical and electronic wastes, improper disposal and their hazardous effects. We aim to further address the problem by publishing papers addressing various solid waste management strategies; physical, chemical and biological treatment/recovery approaches; reutilization means; circular economy; and trends in sustainability approaches.

In shifting towards global digitalization and modernization, the growth in electric and electronic goods and equipment is undeniable. The disposal stage for WEEE has led to the establishment of rules and regulations enforced by the government and non-government sectors through public policies.

The goal of this Special Issue is to consolidate research and current thinking on assessing the environmental impact caused by the significantly increasing amount of waste electrical and electronic equipment (WEEE) globally while designing mitigation plans for the policy makers in realizing a sustainable way of life.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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](#), [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](#)