



## Resource Recovery via Sustainable Approaches

Guest Editors:

**Prof. Dr. Rajesh Kumar Jyothi**

Korea Institute of Geoscience  
and Mineral Resources (KIGAM)  
124 Gwahak-ro, Yuseong-gu,  
Daejeon 34132, Republic of Korea

**Prof. Dr. Kerstin Forsberg**

KTH Royal Institute of  
Technology, Department of  
Chemical Engineering,  
Teknikringen 42, 100 44  
Stockholm, Sweden

Deadline for manuscript  
submissions:

**31 May 2024**

### Message from the Guest Editors

The Earth is suffering from the pollution produced through human activities. The development of advanced technology in the 21st century alongside human activities has generated significant pollutants. It is imperative that researchers take an important interest in environmental protection with the creation and use of secondary resources to generate materials for future needs. Material recycling is an important part of the puzzle in creating circularity and a Circular Economy (CE). Waste is here taken as a raw material that can be used to obtain either industrial products or primary resources for technological development. In the new millennium, high-tech industries are striving to establish a circular economy and improve resource circularity and waste treatment. E-Waste is not only a national issue; it is a global issue and an environmental concern for planet earth. Global e-waste statistics, now (year 2019) and in the near future, 2030, have been calculated and predicted. This Special Issue focuses on the development of green routes to save the Earth, save energy, and save the environment.







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](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)