



## Scientific Disposal and Utilization of Coal-Based Solid Waste

Guest Editors:

**Dr. Junmeng Li**

State Key Laboratory of Coal Resources and Safe Mining, School of Mines, China University of Mining and Technology, Xuzhou 221116, Jiangsu, China

**Prof. Dr. Yanli Huang**

School of Mines, China University of Mining and Technology, Xuzhou, China

Deadline for manuscript submissions:

**31 March 2025**

### Message from the Guest Editors

The development of coal resources is a significant practical requirement to ensure national energy security. Addressing the scientific disposal and resource utilization of coal-based solid waste while developing coal resources is an urgent and necessary challenge for the high-quality development of the coal industry.

This Special Issue is currently seeking articles in the fields of coal mining, geological engineering, environmental science, and engineering mechanics, among others. Topics of interest include but are not limited to the following:

- Basic characteristics of coal-based solid waste;
- Environmental impacts of emissions of coal-based solid waste;
- Low-carbon and ecological disposal of coal-based solid waste;
- Backfill disposal of coal-based solid waste;
- Resource utilization of coal-based solid waste.

We look forward to receiving your submissions.





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)