Special Issue

Sustainability in Mineral Potential Mapping of Key Mineral Resources

Message from the Guest Editor

The issue of strategic key mineral resources such as lithium, cobalt, and nickel has risen to a national strategic level and received a lot of attention from relevant departments, with significant practical significance. In the era of big data, establishing a coupled model of sustainable geology environment mineral resources and utilizing machine learning and deep learning methods to tap into their resource potential is of great practical significance for the sustainable development of strategic mineral resources. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Mineral potential mapping of key mineral resource sustainability;
- Coupling model of geological environment and mineral resources;
- Sustainable development and utilization of key metal resources;
- Big data and artificial intelligence for mineral exploration.

I look forward to receiving your contributions.

Guest Editor

Prof. Dr. Li Sun

MNR Key Laboratory of Metallogeny and Mineral Resource Assessment, Institute of Mineral Resources, Chinese Academy of Geological Sciences, Beijing 100037, China

Deadline for manuscript submissions

closed (30 June 2025)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/175392

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/sustainability

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/journal/sustainability

MDPI

About the Journal

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.

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

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)