

Special Issue

Advances in Intelligent and Sustainable Mining

Message from the Guest Editors

Mining is the foundation of global economic development. The development of the modern mining industry faces a series of problems, such as harsh mining conditions, high safety risks, and insufficient labor. COVID-19 has moved up the timeline for the modernization programs of mining industry, including digitization and automation. To protect worker health and safety, enterprises have fast-tracked technologies to reduce the number of people onsite and increase the ability to operate mines remotely. Therefore, the establishment of intelligent, green, and sustainable mines has gradually become a consensus in the industry. Recent years have witnessed rapid progress in intelligent mining. Cutting-edge technologies such as the internet of things, big data, artificial intelligence, 5G, edge computing, and virtual reality have greatly promoted the intelligent development of the mining industry, and comprehensively improved the sustainable level of mining. The global mining industry is going through a new revolution.

Guest Editors

Dr. Pingan Peng

Dr. Xianyang Qiu

Dr. Qiusong Chen

Dr. Liguan Wang

Deadline for manuscript submissions

closed (31 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/122453

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)