



## Sustainable Management of Energy in Mining Industry

Guest Editors:

**Prof. Dr. Hamid Khoshdast**

Mining Engineering Department,  
Higher Education Complex of  
Zarand, Zarand, Iran

**Dr. Ahmad Hassanzadeh**

Department of Geoscience and  
Petroleum, Faculty of  
Engineering, Norwegian  
University of Science and  
Technology, Andersens veg 15a,  
7031 Trondheim, Norway

**Dr. Luis Vinnett**

Department of Chemical and  
Environmental Engineering,  
Universidad Técnica Federico  
Santa María, Av. España 1680,  
Valparaíso, Chile

Deadline for manuscript  
submissions:

**closed (31 March 2024)**

### Message from the Guest Editors

We decided to provide a platform in the field of sustainable development in mining activities so that all activists and sympathizers can share their opinions and solutions to achieve meaningful sustainability in the field of energy consumption at all stages of every mining activity. We eagerly invite all scientists and industrialists to present their achievements in creating sustainable energy consumption and management in the mining industry on this dedicated platform. Simply speaking, the following head topics are welcomed:

- Energy consumption in exploration and prospecting steps;
- Sustainable management of energy in mining and extraction activities;
- Developments in predictive geometallurgy and mine-to-mill approaches;
- Sustainability issues in the deep sea and shallow water mining;
- Space mining, its challenges, opportunities, and developments;
- Improvement of energy consumption in comminution and concentration stages;
- Current environmental concerns in sustainable mining;
- The role of artificial intelligence in providing sustainable mining approaches





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](#)