

## Special Issue

# Protection and Sustainable Development of Mineral Resources

### Message from the Guest Editors

Mineral resources are a crucial source of raw materials that enable the development of civilization. The need for the protection of mineral resources and the search for new ones are indispensable. The problem concerns not only the safeguarding of already-known mineral deposits, which has been the subject of many international research projects in recent years. There is also the need for a broader discussion about the possibilities of sustainable development of exploration, and then the development of mineral resources in hitherto inaccessible areas. Another important topic is related to the optimization of raw material production, mainly in terms of reducing the energy consumption of the technological processes. The problem of sustainability in the development of, for example, photovoltaics or electromobility, generating demand for specific minerals, in terms of their low efficiency, short service life and generation of huge amounts of waste, also requires critical analysis and reliable assessment. In this Special Issue, we will focus mainly on the primary mineral resources, although similar problems are related to the utilization of raw materials from secondary sources.

---

### Guest Editors

Dr. Barbara Radwanek-Bąk

Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Wybickiego 7A, 31-261 Kraków, Poland

Dr. Ewa Lewicka

Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Wybickiego 7A, 31-261 Kraków, Poland

---

### Deadline for manuscript submissions

11 December 2024



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/181930](https://mdpi.com/si/181930)

*Sustainability*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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