

## Special Issue

# Large Igneous Provinces: Research Frontiers

### Message from the Guest Editors

Over the past decade, there have been dramatic advances in the global research of the key role that large igneous provinces (LIPs) play in a range of major geodynamic processes, including the formation and evolution of the lithosphere and mantle, supercontinent breakup, dramatic climate change (including mass extinctions, major regional topographic changes, and the formation of major ore deposits) and oil/gas exploration. This Special Issue welcomes manuscripts that represent research progress in any of these aspects, including the discovery of new LIPs or the dramatic expansion of known LIPs.

---

### Guest Editors

Dr. Richard E. Ernst

Department of Earth Sciences, Carleton University, Ottawa, ON K1S 5B6, Canada

Dr. Hafida El Bilali

Department of Earth Sciences, Carleton University, Ottawa, ON K1S 5B6, Canada

---

### Deadline for manuscript submissions

closed (15 November 2024)



## Minerals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.4



[mdpi.com/si/126433](https://mdpi.com/si/126433)

*Minerals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[minerals@mdpi.com](mailto:minerals@mdpi.com)

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





# Minerals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.4



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



## About the Journal

### Message from the Editor-in-Chief

*Minerals* welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

---

### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).