



## Rockburst Mechanism and Its Prevention and Control in Underground Mines

Guest Editors:

**Prof. Dr. Anye Cao**

School of Mines, China University of Mining and Technology, Xuzhou 221116, China

**Dr. Zhentei Li**

School of Civil and Resources Engineering, University of Science and Technology Beijing, Beijing, China

### Message from the Guest Editors

To gain a deeper understanding of the latest research progress of rockbursts in underground mines, this Special Issue invites original papers on the rockburst mechanism and its prevention and control. The scope of the research topics includes but is not limited to (1) rockburst mechanism studies using laboratory tests, analytical analysis, and numerical modeling, (2) seismic methods for burst risk assessment and hazard forecast, and (3) innovative hazard prevention and control techniques in field applications.

Deadline for manuscript submissions:

**closed (16 September 2022)**





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Leonid Dubrovinsky**  
Bayerisches Geoinstitut,  
University Bayreuth, D-95440  
Bayreuth, Germany

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

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

**Journal Rank:** JCR - Q2 (*Geochemistry and Geophysics*) / CiteScore - Q2 (*Geology*)

## Contact Us

---

*Minerals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/minerals](http://mdpi.com/journal/minerals)  
[minerals@mdpi.com](mailto:minerals@mdpi.com)  
[X@Minerals\\_MDPI/](https://twitter.com/Minerals_MDPI/)