



## Exploring Mining Landscapes: Reconciling Past and Present of Mining Activity

Guest Editor:

**Dr. Javier Fernández Lozano**

Prospecting and Mining Research Area, Higher Technical School of Mining Engineering, University of León, 24071 León, Spain

Deadline for manuscript submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

Dear Colleagues,

The recent growth of technological applications has led the mining sector to a rapid development. Remote sensing technologies based on LiDAR and UAVs-derived data have efficiently contributed to change the mining prospection and research fields. These methods enable the rapid mapping of potential mining sectors in remote areas or densely vegetated, promoting more efficient and secure exploitation practices. Besides, the combination of new technologies and historical background sheds light on ore bodies' study and the evolution of mining practices. Historical mining sectors provide vital information for ore bodies exploration, leading to the discovery of some of the most outstanding mines like the Pyrite Belt in Spain, the iron mines in Wales and the gold mines in California. This Special Issue is intended to publish original works focused on different technologies and sensors implemented to explore past and current mining scenarios. The development of prospection methods and analysis of mining landforms and other anthropic remains based on remote sensing, geologic or geomorphologic information that aims to identify potential exploitation sectors are also welcome.





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 (*Mining & Mineral Processing*) / CiteScore - Q2 (*Geology*)

## Contact Us

---

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