



## Gem Deposits: Mineralogical and Gemological Aspects

Guest Editors:

**Prof. Dr. Andy H. Shen**

Gemmological Institute, China  
University of Geosciences, Wuhan  
430074, China

**Dr. Chaowen Wang**

Gemmological Institute, China  
University of Geosciences,  
Wuhan, China

**Prof. Dr. Bo Xu**

School of Gemmology, State Key  
Laboratory of Geological  
Processes and Mineral  
Resources, China University of  
Geosciences, Beijing, China

Deadline for manuscript  
submissions:

**closed (31 July 2023)**

### Message from the Guest Editors

Dear Colleagues,

Gemstones have been widely used in the manufacture of jewelry and art crafts as early as 7000 years ago. As the demand for gemstones increases, numerous new gem deposits have been exploited and new gem species have infiltrated the market. However, the same species of gemstones that share similar qualities can possess a wide range of values in the market, as a result of their geographic origins. In the gem and jewelry trade, increasing attention is being paid to the geographic origin of gemstones. Collections from a reliable gem deposit play a vital role in determining the geographic origin of certain gemstones. This Special Issue aims to present the latest, cutting-edge advances in gem deposits in relation to mineralogy, petrology, and gemology. The combined researches of the related specific fields (for instance, geology, field gemology, geochemistry, geochronology, and spectroscopy) can provide important information concerning the formation of gemstones, enabling the comparison and geographic determination of gemstones worldwide.





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/)