# Special Issue

# Application of New Geochemical Analytical Techniques to the Understanding of the Genesis of Epithermal Au-Ag Deposits

## Message from the Guest Editors

Epithermal ores have accounted for approximately 12% and 20% of the respective historic total world gold and silver production. Although epithermal ores are spatially associated with coeval volcanism, debate on their formative processes has been ongoing during the 100+ years that they have been recognized as a distinct class of ore deposits. The discovery of new deposits and the advent of new analytical tools have led to recent advances in the understanding of the genesis of these deposits, but no consensus on the nature of or combination of genetic processes involved in their genesis has yet emerged. Consequently, a special issue of the peer-reviewed, open-access journal Minerals is proposed to provide a forum for presenting new data on epithermal ores, focusing primarily on new geochemical techniques and data. [...]

**Keywords:** epithermal Au-Ag deposits; geochemical analytical techniques; non-traditional isotopes; nanoparticles; porphyry-to-epithermal transition For further reading, please visit the Special Issue website at: https://www.mdpi.com/journal/minerals/special_issues/Epithermal_Deposits

## Guest Editors

Prof. Dr. James A. Saunders
Consulting Geologist, Auburn, AL 36832, USA
Dr. Matthew E. Brueseke
Department of Geology, Kansas State University, Manhattan, KS 66506, USA

## Deadline for manuscript submissions

closed (15 October 2019)

**Minerals**

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/23096

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

mdpi.com/journal/minerals

# Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

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).

MDPI