

## Special Issue

# Gold Metallogeny: From Trace Elements to Ore Genesis

### Message from the Guest Editors

Gold is a critical mineral resource of both strategic and economic value, playing an irreplaceable role in global mineral systems and economic development. However, gold deposits formed under different tectonic settings, ages, and fluid systems show marked metallogenic differences. Even deposits with similar appearance and grade can differ significantly in trace element composition, fluid evolution, material sources, and geodynamic mechanisms—leading to distinct ore potentials, exploration values, and research significance. We welcome submissions from researchers worldwide. Original research articles and review papers on global typical gold districts and metallogenic systems are invited. Topics of interest include, but are not limited to: (1) Regional geological background, mineralization features, and spatiotemporal distribution of various gold deposit types; (2) Mineralogical characteristics, ore-forming fluid properties, and evolution mechanisms of gold deposits; (3) Trace element, isotopic geochemical, and geochronological data, and their constraints on metal sources, and enrichment–precipitation processes.

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### Guest Editors

Dr. Jian Li  
Prof. Dr. Mingchun Song  
Dr. Leilei Dong

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### Deadline for manuscript submissions

28 February 2027



## Minerals

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## 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.

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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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### 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).