

Special Issue

Tectono-Magmatic Evolution and Metallogeny of Tethyan Orogenic Belts

Message from the Guest Editors

Tethyan orogenic belts, the longest continuous orogenic systems between the Laurentian/Laurasian continental masses to the north and the Gondwana continents to the south, range from northwestern Africa and western Europe to eastern Asia. The Tethyan orogenic system is not only a huge tectono-magmatic belt, but also an extremely fertile metallogenic belt on Earth, and includes a variety of mineral deposits formed in different times and different tectonic settings. Thus, the Tethyan orogenic belt is the pre-eminent natural laboratory for studying the Andean-style orogenesis and metallogenic geodynamics.

We encourage contributions on topics including but not limited to:

- Mafic and felsic magmatism related to Tethyan oceanic subduction.
- Tectonic uplift, exhumation and implications for the Tethyan orogeny.
- Studies on the Tethyan-related suture zone and subduction polarity and geodynamics.
- Metallic and nonmetallic mineralization associated with the Tethyan orogeny.
- Orogenesis processes and geodynamic reconstructions of the Tethyan orogenic belts.

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Deadline for manuscript submissions

closed (20 October 2023)



Minerals

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Impact Factor 2.2
CiteScore 4.4



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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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