



## Isotopic Perspectives on the Metallogenesis of Precious and Base Metal Ores

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Useful knowledge of the formation and occurrence of precious and base metal ores depends, in large part, on understanding the sources of the elements in ore minerals and the processes that transport and concentrate them. Radiogenic and stable isotopes have proven to be effective tracers of both aspects of metallogenesis. This Special Issue seeks to update the state of knowledge of isotopic tracers in ore-forming systems, and what geochemical studies of metallogeny can reveal about the larger geologic settings of ore provinces. Precision and sensitivity of measurements continues to increase, even allowing the study of isotopic variations in elements that could not be resolved before, allowing powerful new multi-system approaches. Contributions that combine newer methods with those deeply established in the literature will be welcomed. The use of isotopic tracer techniques for determining sources of archaeological and forensic materials represent parallel and related methodologies; contributions from these areas are encouraged for their interdisciplinary perspectives as well.

Prof. Dr. Andrew Macfarlane

*Guest Editor*





## Editor-in-Chief

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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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