



minerals



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Elemental and Isotopic Approaches to Characterize Sources and Processes Controlling the Budgets of Toxic Metals in the Environment

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Message from the Guest Editors

Recent analytical developments of isotope systematics, with a special emphasis on metals and metalloids in the environment, have experienced an unprecedented increase over the past few years. The aim of this Special Issue is to explore methods, tracers, and research applications using innovative elemental and isotope systematics that will provide i) stronger constraints on the origin(s) and ii) a better characterization of the processes controlling the budgets of toxic metals in our environment (e.g., soil, sediment, water, air) at local and global scales in addition to the transfer of these metals to the food chain and the potential effect on human health.

Deadline for manuscript
submissions:

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Special Issue



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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