



Toward Mineral Systems for HFSE Rare Metals

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Message from the Guest Editors

Dear Colleagues,

This Special Issue, “Toward Mineral Systems for HFSE Rare Metals”, will welcome studies dealing with distribution and fractionation of rare metals within the crust at different temporal and spatial scales. The rare metals are predominantly either large-ion-lithophile elements (LILE) or high-field-strength elements (HFSE). This Special Issue proposes to focus on HFSE that are considered to behave as a coherent group during geological processes, in relation to their similar crystal-chemical properties.

From (nano)micro to continental scale, from single to polyphase processes during an orogenic cycle, from deep to subsurface processes, papers using rare metals and their deposits as traces of crustal growth and differentiation, or taking a mineral system approach to understanding rare metal deposits, will be welcomed.

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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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