Special Issue

Unveiling the Depths: Advances in Kimberlite Research as Windows into Earth's Evolution and Resource Potential

Message from the Guest Editor

Kimberlites and related rocks provide unparalleled access to the Earth's deep interior, serving as natural archives and offering a window into mantle processes, crustal evolution, and the genesis of strategic mineral resources through geological time. These magmas host most of the world's diamond deposits and act as pathways for rare and critical elements that are essential for modern technological advancements. The study of kimberlites integrates scientific inquiry with economic significance, making this field pivotal for Earth sciences and resource exploration.

Guest Editor

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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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