

Special Issue

UHP Minerals as Messengers of Deep Mantle from the Mantle Transition Zone and Beyond

Message from the Guest Editors

Our knowledge of the Earth's deep mantle is mostly based on experimental and theoretical studies as we cannot sample the deep mantle directly, and rocks from such depths are rare and usually experience retrogression at different pressure–temperature conditions, losing most of the original signatures. To avoid this, we rely on minerals that act as robust containers and show the potential for bringing deep mantle signatures in minerals and inclusions to the Earth's surface. Diamonds, chromites, and garnets are such potential mineral-container phases. In this Special Issue of *Minerals*, we invite contributions related to UHP minerals as messengers of the deep mantle from the Mantle Transition Zone and below. Papers can be submitted at any time until the deadline as they will be published on an ongoing basis.

Guest Editors

Prof. Dr. Asish Basu
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Prof. Dr. Jingsui Yang

Deadline for manuscript submissions

closed (14 June 2024)



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About the Journal

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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).