Special Issue

Geology and Characterization of Natural Graphite Deposits and Other Critical Minerals

Message from the Guest Editors

In the last decade, it has become obvious that a large number of metals and minerals (CRM) are critical for an increasing number of industrial mega sectors and an increasing number of countries, and most governments have increased their focus on this and related issues. In this Special Issue, we welcome papers related to all types of studies of graphite and other critical minerals. Examples of topics that the contributions could focus on include but are not limited to mineral exploration for critical minerals, with descriptions both individual and regional overviews: hydrothermal and other metal enriching processes; and mineralogy. Papers that address multisource data integration and new discoveries and approaches for investigations and understanding of CRM deposits are particularly welcome.

Guest Editors

Dr. Håvard Gautneb

Dr. Tuomo Törmänen

Dr. Eric Gloaguen

Deadline for manuscript submissions

closed (31 December 2023)



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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.

Fditor-in-Chief

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Author Benefits

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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

