Special Issue

Analytical Tools to Constrain the Origin of Minerals

Message from the Guest Editor

As a result of an increasing awareness of the social and environmental conditions under which raw materials are extracted and processed, consumers and the general public show a growing interest in getting information on the origin of raw materials used to manufacture goods for daily life. This particularly applies to mineral commodities that are sourced from conflict-affected and high-risk areas. The OECD Due Dilligence Guidance for Responsible Mineral Supply Chains has been developed to address this issue and to help companies respect human rights and avoid contributing to conflict through their sourcing decisions (OECD, 2016)...The scope of this Special Issue is the presentation of analytical methods and statistical data evaluation approaches to constrain the origin of all kinds of economically relevant minerals, including commodities such as gold or gemstones.

Guest Editor

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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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Journal Rank:

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

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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).

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