

Special Issue

Mineralogical Approaches to Archaeological and Cultural Heritage Materials

Message from the Guest Editor

In this Special Issue of *Minerals*, we would like to gather papers that show the potential of mineralogical studies (e.g., petrography, mineral geochemistry, X-ray diffraction, electron microscopy, spectroscopy) to approach the composition of a wide diversity of archaeological materials such as ceramics, metals, pigments, stone artifacts, and sediments. The main objective is to demonstrate that the mineralogical characterization of these artifacts is crucial to address aspects related to the origin of the raw materials used in their manufacture and the technological processes applied by craftspeople.

This Special Issue is wide open to all those researchers who want to delve into the role of mineralogical analyses in the characterization of materiality. Therefore, works that develop methodological approaches; compositional analysis of artifacts; studies of the physical properties provided by minerals; and, of course, studies focused on interpreting the social and symbolic roles that minerals play in both ancient and contemporary human societies will be welcome.

Guest Editor

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Deadline for manuscript submissions

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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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Prof. Dr. Leonid Dubrovinsky

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

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).