Special Issue

Surface and Interface Chemistry of Minerals

Message from the Guest Editor

Minerals have long been a crucial source of valuable materials essential to the advancement of science and technology throughout human history. Today, they are not simply viewed as basic sources of elements; rather, they offer a wide range of applications and opportunities aimed at addressing quite complex challenges such as climate change or the treatment of waste products with challenging chemical compositions. This broad spectrum of uses demands a more precise interpretation of data from the processes that largely heterogeneous in nature... This Special Issue aims to explore the above topics in different mineral-related processes, including but not restricted to classic mineral processing and extractive metallurgy. Scientific contributions are going to be welcomed from across all disciplines that utilize minerals and mineral-like structures in different situations at any scale, highlighting the physicochemical characteristics and properties of the mineral surfaces and interfaces involved.

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.

Editor-in-Chief

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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).

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