

Special Issue

Research on Mineralogical and Geochemical Characterization

Message from the Guest Editors

Understanding the distribution of elements and isotopic compositions in minerals offers critical insight into magmatic evolution, tectonics, crust formation, and environmental processes. Mineralogical and geochemical studies also support pollution assessment, element migration analysis, and resource management. This Special Issue invites original research and reviews on the characterization of mineral composition, structure, and genesis, with emphasis on geochemical analysis in coals and sediments. Studies using techniques such as LA-ICP-MS, TOF-SIMS, EPMA, TEM, and SEM-EDS are welcome, especially those addressing magmatic, metamorphic, sedimentary, and hydrothermal processes. **Topics include:**

- Geochemical and mineralogical characteristics of coals
- Occurrence and enrichment of elements in coal
- Advanced microstructural and compositional analysis
- Isotope geochemistry in ore-genesis
- Environmental geochemistry
- Mineral resource exploration

Contribute to advancing the understanding of Earth's processes and resources through cutting-edge mineralogical and geochemical research. We look forward to receiving your valuable submission.

Guest Editors

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Deadline for manuscript submissions

30 September 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/243342

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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