

Special Issue

Critical Material Recovery from Coal and Coal Byproducts

Message from the Guest Editor

This Special Issue aims to report recent technological developments and state-of-the-art processing approaches for the extraction of critical materials from coal and coal products. Articles should address one or more coal-based material types, including coal, coal refuse, coal combustion byproducts, underclays and shales, preparation plant products, coal mine drainage, or other similar materials. In addition, articles may focus on the underlying science and/or engineering principles, including geochemical characterization, process development, innovative process circuitry, process waste characterization and remediation, techno-economic and life-cycle analyses, or similar study areas.

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 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).