Special Issue

Coal: Chemical, Geochemical and Petrographical Aspects

Message from the Guest Editors

Coal is a heterogeneous sedimentary rock composed of organic and inorganic constituents. Organic components, or macerals, exhibit varying behaviors during coal utilization, making the understanding of coal's chemical composition and structure essential for efficient use. Inorganic fractions in coal also draw significant attention due to their potential impacts on human health and the environment, the economic value of critical elements, and their role as indicators of paleoenvironments and geological evolution. This Special Issue focuses on research and technological advancements in: (1) the chemical composition, structure, and changes during coalification, as well as coal conversion and utilization processes; (2) the petrology, mineralogy, and geochemistry of coal; and (3) advanced analytical methods.

Guest Editors

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Deadline for manuscript submissions

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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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