



Chemical Engineering and Technology in Mineral Processing and Extractive Metallurgy

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Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to discuss chemical engineering principles in mineral processing and extractive metallurgy, with particular attention to the transport and chemical reaction processes, and the kinetics and thermodynamics of these processes. Of course, discussions on process intensification methods, such as mechanical reinforcement, ultrasonic, microwave, supercritical, and supergravity, are also welcome. The guest editors expect that a more in-depth discussion on chemical processes and principles can be performed in the Special Issue.

Topics include but not limited to

- hydrometallurgy
- flotation
- leaching
- extraction
- ion exchange
- adsorption
- electrolysis
- membrane separation
- unit operation
- transmission
- reaction
- kinetics
- thermodynamics





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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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