Special Issue

Comprehensive Utilization of Mineral Processing Wastewater

Message from the Guest Editors

Mineral processing plays an essential role in national economic development. Currently, highly efficient utilization of resources and environmental protection are fast becoming a priority in the mining engineering field. Mineral processing wastewater, as the inevitable product of mining and processing activities, has attracted soaring interest. Undeniably, the comprehensive utilization of mineral processing wastewater is not only an essential way to solve the shortage of water resources but is also an efficient path to achieve the cleaner production of mineral resources. Therefore, detailed studies on the purification of wastewater, extraction of valuable resources from wastewater, and technologies for the comprehensive utilization of wastewater and cleaner production of mineral resources are now major areas of research and provide the theoretical basis and technical support for efficient mineral processing.

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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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