Special Issue

Acid Mine Drainage: A Challenge or an Opportunity?

Message from the Guest Editors

A significant amount of wastewater originating from a few industrial processes is stored in earth dams, lined ponds, and/or landfill sites. Usually, this wastewater is finally disposed of into specially designed evaporation ponds where most of the water is removed through evaporation and a salt pan is left on the pond surface. What is of great concern about brine waste is that waste is produced in large quantities but the industry lacks viable technologies to process this waste. Industrial wastewater is a major threat to groundwater resources and agricultural farmland. There is more pressure on industry to find a solution to industrial wastewater pollution remediation as it is a threat to human health (Buckley, 2005; Raluy, et al., 2006).

Guest Editors

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Deadline for manuscript submissions

30 November 2025

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/185332

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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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