

Special Issue

Waste Management in Oil Shale

Message from the Guest Editors

The combustion of solid fuels, especially low-calorific fuels like oil shale, produces a large amount of solid waste. The processing technologies are primarily focused on the efficiency of power and oil production, and have thus overlooked the solid waste issue. This Special Issue aims to fill that gap by providing innovative optimization strategies for waste minimization in the oil shale sector. Diminishing the environmental impact and generating value-added products contributes to the more sustainable utilization of oil shale. The goal is to bring together corresponding studies dealing with the detailed characterization of oil shale mining and processing wastes as well as valid technological means for altering their properties in accordance with potential environmental and economic aspects of ash utilization.

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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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