

Special Issue

Recovery of Rare Earth Elements (REEs) from Coal Ash

Message from the Guest Editor

The demand for Rare Earth Elements (REEs) is increasing continuously in order to sustaining the need for synthesis of advanced materials utilized in a range of applications from quantum computing and materials science to medical applications; however, the conventional resources are not sufficient to meet the enhanced need of the present society. Coal ash (CA), a complex anthropogenic waste material, could be a secondary resource of REEs, as CA is known to have high concentrations of these elements. Annually billions of tons of CA are generated due to combustion of coal in thermal power stations. However, recovery of REEs from CA is a real challenge and intensive research work is going on in this area by several eminent researchers around the globe. In this Special Issue, we are trying to bring together the cutting-edge research going on around the globe towards recovery of REEs from CA by different pathways. It is my great privilege to welcome authors to publish their target oriented research and comprehensive reviews for better understanding of recovery techniques towards secondary source of REEs.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)



Minerals

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Impact Factor 2.2
CiteScore 4.4



mdpi.com/si/136392

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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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