

Special Issue

Utilisation of Industrial Byproducts for Materials and Metallurgical Applications

Message from the Guest Editors

With the rapid industrial growth and the associated improvement in living standards, there are increasing volumes of waste materials (industrial by-products) that are being produced by different industries. Most of these materials pose significant risks to the environment and health and present a serious challenge when it comes to their disposal, leading to their accumulation at the industry site or landfill. One ...high-quality resources, thereby prompting the need for increased research on the utilisation of low-quality and industrial byproduct materials to ensure the competitiveness and sustainability of the metallurgical and materials industries in the coming decades. This Special Issue will focus on recent advances in materials and technologies related to utilisation of industrial byproducts such as fly ash and blast furnace slag, metallic and polymer wastes from industries and their characterisation using different analytical tools.

Guest Editors

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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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