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Energy Recovery and Waste Management in Power Plants and Waste Incineration Plant

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Message from the Guest Editor

Critical raw materials are those raw materials that are economically and strategically important for the industry, both in the short term and in the long term, but have a high-risk associated with their supply. Critical elements are extremely rare, yet they are essential for the development of industrial technologies. The search for alternative sources of elements and critical raw materials is being carried out on a large scale all over the world. The recovery of these resources from waste is one of the main goals of the so-called urban mining and circular economy.

Potential topics of this special issue include, but are not limited to critical raw materials in coal combustion waste from slags and fly ash, critical raw materials in gasification waste, critical raw materials in waste from municipal waste incineration plants, critical raw materials in waste from biomass combustion, methods of recovering critical raw materials and metals from waste, mineralogy and petrography, the chemical composition of waste, and the analysis of the possibility of recovering critical raw materials from waste heaps.



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Special Issue



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Message from the Editor-in-Chief

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