



## Recovery of Rare Earth Elements from Mineral, Ores and Industrial Wastes

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Deadline for manuscript submissions:

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### Message from the Guest Editors

Rare earth elements (REEs) are a set of seventeen elements, namely fifteen lanthanides and two d-transition metals (Sc and Y), having similar characteristics. They are characterized by their metallurgical, optical, and electronic properties, which have established them as decisive industrial materials, with inimitable applications such as permanent magnets, electronics, superconductor, hydrogen storage, medical and nuclear technologies, etc. The main focus of the special issue is to present sustainable REEs resources and feasible processes by eminent global researchers. To recoup the REEs demand by exploring the alternative sustainable resources and feasible technology, this may mitigate their supply risk globally. The special issue will be based on research papers consisting of hybrid processes i.e. pre-treatment, hydro-/pyro-/electro- and advance separation techniques such as leaching, solvent extraction, ion-exchange, precipitation, etc.





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## Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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