



Rare Earth Elements: Occurrence, Exploration, Alternate Resources, Extraction Techniques, Chemical Characterization and Recycling

Guest Editor:

Dr. Vysetti Balaram

CSIR-National Geophysical
Research Institute India,
Hyderabad 500606, India

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Message from the Guest Editor

Dear Colleagues,

Rare earth elements are a group of 17 elements (La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu, plus Sc and Y) with similar physicochemical properties. These metals have become very important in our daily lives because of their extensive utilization in the manufacture of a wide variety of defense, aviation, industrial, and consumer electronics products. The extraction of these metals from various ores and other sources as a group may be relatively easy, but separating them individually is difficult because of their extremely similar physical and chemical properties. In addition, the introduction of different analytical techniques for the elemental, isotopic, and mineralogical characterizations of ores, minerals and other materials is important in all these studies. This proposed Special Issue on “Rare Earth Elements: Occurrence, Exploration, Alternate Resources, Extraction Techniques, Chemical Characterization and Recycling” will present case studies from the globe, and reviews related to the above aspects.





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Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

Message from the Editor-in-Chief

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Minerals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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