



Origin, Mobility and Concentration of the Rare Earth Elements in the Crust

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Message from the Guest Editors

Dear Colleagues,

REEs are critical in the development of wind turbines, solar cells, batteries, electric vehicles, and green H₂ generation, among other applications. Although REE mineralization is often associated with igneous rocks, they can also occur in metamorphic rocks as well as sedimentary formations due to the occurrence of superficial processes that may concentrate REEs in placers or bauxites. In addition, the differential concentration of REEs in certain minerals or in the whole rock delineated patterns have also been used as tracers of hydrothermal or igneous processes and origins. On the other hand, many devices already contain small amounts of REEs that are being released into the environment in urban dump sites and roads. How they affect our health or if they could be economically recovered should be evaluated as well. Therefore, this Special Issue aims to enhance the knowledge with respect to all aspects of REE origin, mobility and concentration in the inner Earth's crust and its surface.





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Message from the Editor-in-Chief

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