

Special Issue

Understanding Geochemical Processes Using Rare Earth Element Content of Natural and Anthropogenic Materials

Message from the Guest Editors

There is a long history of using rare earth element (REE) concentrations in pure geochemistry and deep earth processes, i.e., magma chamber evolution. However, there has been less focus on either natural surficial processes such as weathering, sediment transport etc. or human/anthropogenic activities as diverse as farming or industrial contamination. The importance of REE movement through the environment will increase with their use for turbine magnets in the green electric economy. The aim of this Special Issue is to encourage the wider use and reporting of REE as tracers of these geochemical processes in the surface environment. Thus, building a community of geochemists, soil and materials scientists, contamination specialists and archaeologists.

Guest Editors

Dr. Gianni Gallelo

1. Material Science Institute (ICMUV), University of Valencia, Carrer del Catedr tic Jos  Beltr n Mart nez 2, 46980 Paterna, Spain
2. Department of Prehistory, Archaeology and Ancient History, University of Valencia, Avenida de Blasco Ib  ez 28, 46010 Valencia, Spain

Dr. Simon Chenery

British Geological Survey (BGS), Keyworth, Nottingham, UK

Deadline for manuscript submissions

closed (31 October 2021)



Minerals

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.4



mdpi.com/si/50485

Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

[mdpi.com/journal/
minerals](https://mdpi.com/journal/minerals)





Minerals

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.4



[mdpi.com/journal/
minerals](https://mdpi.com/journal/minerals)



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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).