



Criticality of the Rare Earth Elements: Current and Future Sources and Recycling

Guest Editor:

Dr. Simon M. Jowitt

Department of Geosciences,
University of Nevada Las Vegas,
4505, S. Maryland Pkwy., Las
Vegas, NV 89154-4010, USA

Deadline for manuscript
submissions:

closed (30 June 2017)

Message from the Guest Editor

Dear Colleagues,

Rare earth elements (REE) are critical to our modern way of life. Little research has been undertaken on the potential for recycling and reuse of REE and the extraction of them from waste material. This Issue focuses on furthering our understanding of the criticality and potential sources of REE, with a specific focus on secondary sources, including waste from mining and processing activities, the potential for extraction of the REE from high technology or electronic waste, and techniques for extracting the REE from unconventional sources. We also invite submissions that cover the positive and negative impact of these potential sources, as well as papers that present research on primary REE mineral deposits, mineral deposits that are prospective for the REE but either are not currently exploited or deport their contained REE to waste, and the potential for future REE production from hitherto unexploited REE-bearing mineral deposit types.

Dr. Simon Jowitt
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Benjamin McLellan

Graduate School of Energy
Science, Kyoto University,
Yoshida-honmachi, Sakyo-ku,
Kyoto 606-8501, Japan

Message from the Editor-in-Chief

Responsible prosperity is underpinned by sustained access to resources. *Resources*, publishes excellent science and scholarship which transforms understanding, practices and policies for conserving all natural resources—from water, land and air; to plant and animal biodiversity; to minerals and energy and their interconnection across scales. Significantly, we invite high quality submissions from natural and social sciences.

Build impact from your research by submitting to *Resources*, an open-access journal connecting you with data, insights, ideas and evidence needed to shape a better world.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), GeoRef, PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q2 (*Environmental Sciences*) / CiteScore - Q1 (Nature and Landscape Conservation)

Contact Us

Resources Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/resources
resources@mdpi.com
[X@resources_mdpi](https://x.com/resources_mdpi)