

Special Issue

Sources and Markets of New Energy Minerals for Renewable Energy Generation and Storage

Message from the Guest Editor

A key factor limiting the expected development of the use of solar and wind energy is the availability of the minerals that are absolutely crucial to the production of wind turbines, photovoltaic cells, and new generations of batteries, accumulators, and large-scale energy storage systems. Demand for many of these minerals over the next 30 years may be 4–12 times higher than their current total production, which may be a significant factor limiting the development of the use of these leading renewable energy sources. In this context, this Special Issue aims to present the results of research on various aspects of the management, sources (existing and possible), and markets of the abovementioned minerals, which are currently used or may in the future be used for the production of wind turbines and photovoltaic cells and batteries, taking into account the issue of the security of their delivery within mineral policy frameworks at an individual country level and the international level.

- minerals for renewable energy generation and storage
- mineral markets
- mineral security
- mineral policy
- energy security
- renewable energy

Guest Editor

Prof. Dr. Krzysztof Galos

Mineral and Energy Economy Research Institute, Polish Academy of Sciences, 31-261 Kraków, Poland

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

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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