Topical Collection

Featured Papers in Geo-Energy

Message from the Collection Editors

The demands to utilize the geological subsurface are increasing. In addition to traditional production of raw materials or groundwater extraction for drinking water supply, the subsurface will most likely also be used to implement policy objectives in the context of transition energy policies to renewables and georesources. These include, e.g., the use of geothermal energy, storage of energy from renewable sources, and possibly long-term storage of CO2 to reduce the release of greenhouse gases into the atmosphere. This Special Issue aims to answer the question of which contribution can be expected from the geological subsurface. The collection is focused on bringing together innovative developments, technologies, and solutions in the field of geoenergy for reservoir characterization, geomechanics, sequestration of carbon dioxide, geothermal, petroleum, coal, and natural gas. Potential topics of interest include, but are not limited to:

- Reservoir characterization and modeling
- Geomechanics for energy and the environment
- Sequestration of carbon dioxide
- Geothermal energy extraction
- Petroleum exploration and production
- Energy from coal formations
- Hydrogen storage

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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.

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