

Special Issue

Exploration and Evaluation of Geothermal Reservoirs

Message from the Guest Editors

Geothermal energy represents a forceful low-carbon technology in the perspective of a complete energy transition towards green energy solutions. In this framework, a solid and detailed exploration and evaluation of the geothermal reservoirs represents a crucial issue of geothermal exploitation and its development process in terms of both energy production and heat employment. Without effective exploration studies, from the first stages to the more refined final phases, an evaluation of the geothermal potential is difficult to achieve. Geological, geophysical, geochemical, and multidisciplinary studies constitute driving forces for reservoir characterization and allow approaching geothermal exploration in the right way.

We aim to collect original research or review articles on both geothermal exploration techniques and characterization and evaluation of conventional and unconventional geothermal reservoirs, including hydrocarbon–geothermal cross-over, from small to large scale and also in densely populated areas. Papers covering geothermal applications for power generation, heat production and storage, mineral extraction, and hydrogen production will also be included.

Guest Editors

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Deadline for manuscript submissions

closed (12 January 2022)



Energies

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Impact Factor 3.2
CiteScore 7.3



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About the Journal

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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