

Special Issue

Geothermal Energy Resource and High-Effective Utilization

Message from the Guest Editors

This Special Issue aims at showcasing recent advances and emerging trends across the full spectrum of geothermal research, including theoretical modelling, exploration technologies, resource assessment methodologies, practical applications, operational strategies, and field case studies. Submissions of original research articles, short communications, and comprehensive reviews are warmly welcomed. Topics of interest for publication include, but are not limited to, the following:

- Resources exploration and assessment;
- Advanced drilling and geothermal well engineering;
- Enhanced geothermal systems;
- Geothermal reservoir simulation and forecasting;
- Scaling, corrosion, and material durability of geothermal heat exchangers;
- Power generation technologies;
- Heating, cooling, and storage;
- Geothermal coupled applications;
- Socio-economic and risk assessment of geothermal plants;
- Policy, regulation, and market mechanisms of geothermal energy.

Guest Editors

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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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