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Review Papers in Geothermal Energy

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Message from the Guest Editor

Dear Colleagues,

Population growth, technological advancement, and a desire for a better way of life all contribute to increasing world energy consumption. Utilizing renewable and sustainable energy sources is the proper and practical solution; nevertheless, environmental concerns such as greenhouse gas (GHG) emissions from fossil fuels limit the nature of energy sources. One clean and sustainable energy source is geothermal energy, which has several benefits including consistency, availability, a massive number of development opportunities, and a wide range of potential applications that make it a compelling and feasible alternative for supplying the world's energy needs while lowering GHG emissions (mainly CO₂).

This Special Issue will also focus on all aspects of geothermal energy development, e.g., geothermal productivity, desalination, geothermal systems for cooling, polygeneration systems, cooling systems, and numerical modeling. With a strong emphasis on creating concepts for utilizing high-temperature geothermal resources, this Special Issue aims to integrate lessons learned from the past with current worldwide efforts.



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Special Issue



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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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