

Special Issue

Advances in Geothermal Energy from Synergies with Oil and Gas Industries

Message from the Guest Editors

The past few years have been characterized by the increasing growth of the geothermal energy sector, seeking solutions capable of reducing investment costs and mining risks. New geothermal projects require subsurface evaluation, modeling, drilling, and surface operations similar to those used in many upstream oil and gas projects. The possible technological transfer between the oil and gas industry and the geothermal sectors can help reach investment reduction targets by introducing conventional and innovative technologies. This Special Issue aims to capture the latest research and application in cross-cutting technologies from the oil and gas and geothermal energy sectors, with contributions covering the following areas: drilling technologies, closed-loop systems, data integration and mining, modeling techniques, enhanced geothermal systems (EGSs), well stimulation, including hydraulic fracturing and directional drilling techniques, advanced geothermal systems (AGSs), project evaluation, planning and management, drilling and completion, surface facility construction and maintenance, and operation and production monitoring.

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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