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Modeling and Analysis of Thermal-Fluid Flow through Geothermal Reservoirs

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

Geothermal energy is currently an alternative to ensure a green energy supply while tackling climate change. Enhanced geothermal systems have emerged as an efficient and reliable alternative to typical thermal power stations. However, heat extraction from thermal reservoirs must face important gaps of knowledge. This Special Issue of *Energies* aims to push forward the frontiers of knowledge toward a clean, safe, affordable, and sustainable energy source. The topics of interest include but are not limited to:

- Induced seismicity in geothermal reservoirs;
- Local thermal depletion;
- Heat and flow through fractured media;
- Exploitation and operation strategies;
- Coupled thermo-hydromechanical simulations;
- Geothermal systems and society;
- Geothermal energy and the 2030 Agenda for Sustainable Development.

Dr. David Santillán

Guest Editor



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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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