Special Issue

Time-Lapse Geophysical Geothermal Reservoir Monitoring and Prediction by Deep Learning

Message from the Guest Editors

In this Special Issue, we would like to present papers on geothermal resource exploration and monitoring for shallow, deep, and HDR structures. We also would like to address geothermal resource/reserve classifications and their mutual relations. We also invite authors specializing in technological novelties of geothermal time-lapse monitoring and prediction. This Special Issue calls for theoretical and empirical papers focusing on the following topics:

- Geothermal reservoir monitoring by geophysics methods;
- Geothermal reservoir prediction by deep learning;
- Geothermal reservoir modeling and simulation;
- Geothermal multi-field coupling.

Guest Editors

Prof. Dr. Jing Li

College of Geo-exploration Science and Technology, Jilin University, Changchun 130026, China

Prof. Dr. Zhaofa Zeng

1. College of Geo-exploration Science and Technology, Jilin University, Changchun 130026, China
2. Key Laboratory of Applied Geophysics, Ministry of Natural Resources of PRC, Changchun 130026, China
3. Ministry of Land and Resources Key Laboratory of Applied Geophysics, Jilin University, Changchun 130026, China

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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