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Energy Geotechnics and Geostructures—2nd Edition

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to gather original experimental, theoretical, and numerical research articles to present and disseminate the most recent advances related to the theory, experiment, design, modelling, application, construction, monitoring in energy geotechnics and geostructures.

Topics of interest for publication include, but are not limited to, the following:

- Application of phase change materials in geostructures;
- Theory and method advance in thermal–hydrodynamic–mechanical–chemical coupled processes;
- Evaluation method and risk control in utilizing abandoned mine space for energy storage;
- Integration of geothermal with other renewable energy in geostructures;
- Role and contribution of geotechnics and geostructures to carbon neutrality;
- Energy and mass transfer in complex hydrogeological conditions;
- Exergic analysis in energy geotechnics and geostructures;
- New smart monitoring apparatus and methods.



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Dr. Peng Pei
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Guest Editors

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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