Special Issue

In Situ Modification of Deposit Properties to Improve Mining, Fluidization and Green Mining

Message from the Guest Editors

This Special Issue aims to present recent advances in the in situ modification of deposit properties to improve mining. Potential topics include but are not limited to the following:

- Experiments and theories regarding Thermal-Hydrological-Mechanical-Chemical（THMC）coupling or the coupling of two or three of the above fields in mass porous media;
- In situ modified mining experiments, theory and technology of coalbed methane, shale gas, oil shale, gas hydrate and other oil and gas resources;
- Fluidization and green mining experiments, theory and technology of coal and other resources;
- In situ pyrolysis experiments, theory and technology of coal resources;
- Theory and technology of salt deposit solution mining and oil and gas storage construction;
- Experiments, theory and technology of fracking, slotting, heating, injecting gas, fluid into deposits and any other methods related to modified mining;
- Issues in geothermal energy.

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Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)

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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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