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

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Message from the Guest Editors

Dear Colleagues,

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

Special Issue



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Message from the Editor-in-Chief

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