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GeoEnergy Science and Engineering

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Deadline for manuscript
submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

GeoEnergy is an integrated and rapidly-evolving field incorporating a spectrum of traditional and innovative geologically-focused energy development. This Special Issue invites submissions presenting solutions focusing on a broad area of low-carbon and sustainable exploration, production, and storage of GeoEnergy resources. Topics of this Special Issue mainly include, but are not restricted to:

- **Unconventional Gas Resources:** including shale gas, coalbed methane (CBM), gas hydrate, and tight gas sand exploration and production;
- **Natural/Gold Hydrogen Energy:** including the exploration, production, and storage of hydrogen in a sustainable system;
- **Geothermal Energy:** including exploration and characterization of geothermal fields;
- **Energy Storage:** including hydrogen storage, compressed air energy storage, and hydroelectric storage;
- **Carbon Capture, Utilization, and Storage (CCUS):** including CO₂ storage in conventional and unconventional oil and gas formations coupled with enhanced oil and gas recovery and bioenergy with carbon capture and storage (BECCS).



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Special Issue