

Special Issue

GeoEnergy Science and Engineering

Message from the Guest Editors

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).

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2023)



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Message from the Editor-in-Chief

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