

## Special Issue

# GeoEnergy Science and Engineering 2024

### Message from the Guest Editors

GeoEnergy is an integrated and rapidly-evolving field incorporating a spectrum of traditional and innovative geologically-focused energy development. To achieve a secure supply of low-carbon energy and ultimately transit into a net-zero carbon target and ensure the economic development of sustainable energy resources, insightful scientific understandings and engineering practices are highly required. 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 CO<sub>2</sub> 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 December 2024)



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### Message from the Editor-in-Chief

*Eng* (ISSN 2673-4117) is an international, peer-reviewed open access journal which publishes original papers, critical reviews, rapid communications, technical notes, and discussions on all areas of engineering.

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