

Special Issue

Geomechanics Applied to Carbon Capture and Storage

Message from the Guest Editor

We would like to invite you to contribute to our Special Issue “Geomechanics Applied to Carbon Capture and Storage”. For this Special Issue, we invite authors to share their latest research results, where topics of interest for publication include, but are not limited to:

- Caprock exposure to CO₂
- Reservoir-scale coupled simulations of CO₂ injection
- Rock physics approaches to 4D monitoring
- Fault reactivation experiments and modeling
- Fracturing experiments in reservoir and caprock
- Creep models of caprock formations
- Well integrity experiments and modeling (cement behavior)
- Models coupling geochemistry and geomechanics

Guest Editor

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Deadline for manuscript submissions

closed (10 January 2022)



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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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