Special Issue

Advances and Challenges in Sub-Seafloor CO_2 Storage

Message from the Guest Editors

This Special Issue 'Advances and Challenges in Sub-Seafloor CO2 Storage' of *Energies* is seeking innovative, informative, and multi-disciplinary research contributions in the broad topic of sub-seafloor CO2 storage including but not limited to the following:

- Thermo-hydro-mechano-chemical coupled processes
- Thermal loading in the reservoir and caprock
- CO2 leakage pathways
- Spatial scale-dependent processes – near well vs far well changes
- Time-lapse monitoring from remote geophysical data
- Induced seismicity and geophysical data relation to geomechanical changes
- CO2 storage in a liquid phase and in hydrate
- Laboratory and field to micro-scale numerical modeling studies
- Comprehensive case studies on active and potential CO2 storage reservoirs

Feel free to contact the with a title and brief outline of your paper content, to assess whether it would fit within the scope of this Special Issue.

Guest Editors

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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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