



## Advances and Challenges in Sub-Sea-floor CO<sub>2</sub> Storage

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Deadline for manuscript  
submissions:

**closed (20 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue 'Advances and Challenges in Sub-Sea-floor CO<sub>2</sub> Storage' of *Energies* is seeking innovative, informative, and multi-disciplinary research contributions in the broad topic of sub-sea-floor CO<sub>2</sub> storage including but not limited to the following:

- Thermo-hydro-mechano-chemical coupled processes
- Thermal loading in the reservoir and caprock
- CO<sub>2</sub> 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
- CO<sub>2</sub> storage in a liquid phase and in hydrate
- Laboratory and field to micro-scale numerical modeling studies
- Comprehensive case studies on active and potential CO<sub>2</sub> storage reservoirs

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

Dr. Hector Marin Moreno

Dr. Joonsang Park

*Guest Editors*



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**Special Issue**



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## Message from the Editor-in-Chief

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