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## Experimental and Numerical Simulation of Methane Hydrate Geological Systems

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### Message from the Guest Editors

The characteristics and dynamics of methane hydrate systems (such as the hydrate concentration and distribution, host-sediment petrophysical properties, thermodynamic stability and methane–biosphere/hydrosphere/atmosphere interactions) are key for assessing energy production from hydrates and its role as a future transition fuel; evaluating the effect of the hydrates' dissociation on the ocean floor stability, the Earth's climate and ocean carbon cycles; and developing novel hydrate applications.

This Special Issue aims to gather recent studies on the experimental and numerical simulation of the thermo-hydro-chemo-mechanical behavior of methane hydrate systems.

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submissions:

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# Special Issue



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## Message from the Editor-in-Chief

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