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Production of Energy-Efficient Natural Gas Hydrate

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Deadline for manuscript submissions:
closed (20 February 2025)

Message from the Guest Editors

Natural gas hydrate is considered as a promising source of energy for the 21st century, which has attracted widespread attention for the last decades.

The special issue, “Production of Energy-efficient Natural Gas Hydrate”, aims to report on the latest findings on hydrates from researchers around the world, covering experimental, theoretical, and simulation studies. We encourage original research papers on this special issue from a wide range of topics regarding hydrates including, but not limited to:

- Fundamentals of gas hydrate phase transfer
- Natural gas hydrate production technologies
- Environmental impacts of gas hydrate (Climate, Geohazard, etc.)
- Natural gas hydrate resource (Characterization, Exploration, Recovery, etc.)
- Flow assurance
- Hydrate-based CO2 capture and storage
- Numerical simulation (Laboratory scale, Site scale, Prediction, etc.)

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Message from the Editor-in-Chief

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