



Marine Gas Hydrates: Advances in Petrophysics, Rock Physics and Geophysics

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Message from the Guest Editors

As a clean energy with huge reserve potential, considerable interest has been generated in the exploration, discovery, and exploitation of natural gas hydrates. In recent decades, the investigation of and research on natural gas hydrate have greatly advanced in terms of natural geological characteristics, resource potential assessment, and exploration and production technology. However, the understanding of the mode and microscopic distribution of hydrate reservoirs remains unclear, and the petrophysical properties and response mechanism of the reservoir are not yet well understood. In view of the phase changes of hydrates under temperature and pressure variations, natural gas hydrate formation experimentation and logging while drilling yield petrophysical properties and borehole geophysical responses of hydrates reservoirs.

Deadline for manuscript
submissions:

closed (10 May 2023)





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Message from the Editor-in-Chief

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