

## Special Issue

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

### 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.

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### Guest Editors

Prof. Dr. Changchun Zou

Dr. Qiang Chen

Dr. Cheng Peng

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### Deadline for manuscript submissions

closed (10 May 2023)



## Journal of Marine Science and Engineering

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## About the Journal

### Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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### Editor-in-Chief

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