

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.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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