



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

Guest Editors:

Prof. Dr. Changchun Zou

School of Geophysics and
Information Technology, China
University of Geosciences
(Beijing), Beijing, China

Dr. Qiang Chen

The Key Laboratory of Gas
Hydrate, Ministry of Natural
Resources, Qingdao Institute of
Marine Geology, Qingdao 266071,
China

Dr. Cheng Peng

School of Geophysics and
Information Technology, China
University of Geosciences
(Beijing), Beijing, China

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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Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

Message from the Editor-in-Chief

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*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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