Special Issue

High-Efficient Exploration and Development of Oil & Gas from Ocean—2nd Edition

Message from the Guest Editors

There are still some critical problems in developing unconventional oil and gas. First, the selection of sweet points is still challenging from a geological perspective. The explanation of geophysical data (wireline logs and seismic data) to identify the most favorable layers remains controversial. Second, prospecting well can directly recover a sample from the target layers, and detailed information about the fluid and reservoir aids in selecting the best layer for development. It is also problematic to evaluate hydrocarbon occurrence, especially movability, in in situ conditions. Finally, hydraulic fracturing is a basic method which is widely used to develop the most unconventional oil/gas. However, there remain unsolved problems with generating an ideal fracture network due to complex natural cracks and artificial fractures. The highly efficient development of unconventional offshore oil/gas, such as gas hydrate, is still challenging and attracts a great deal of attention. This Special Issue proposes a collection of state-of-the-art research on the exploration and development of unconventional offshore oil/gas.

Guest Editors

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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.

Editor-in-Chief

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