

Special Issue

Advances in Offshore Oil and Gas Exploration and Development

Message from the Guest Editors

In today's world, energy consumption is at an all-time high, necessitating the development of new energy sources. Offshore strata contain vast reserves of oil and gas, providing an important solution to address the global energy shortage. However, our understanding of efficient offshore oil and gas resource development remains limited. Some key challenges should be addressed in the exploration and development of these resources, including, but not limited to, pore structure characterization, oil occurrence, oil mobility, and enhanced oil recovery (EOR). Pore structure encompasses aspects like pore size distribution, porosity, permeability, and pore connectivity. A larger pore volume can accommodate higher amounts of oil and gas, and higher permeability facilitates their flow. This Special Issue proposes a collection of state-of-the-art research on the exploitation of offshore oil and gas resources. We invite prospective authors to submit high-quality original articles or comprehensive reviews that investigate the efficient development of oil and gas from both geological and engineering perspectives.

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

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