

## Special Issue

# Research on Offshore Oil and Gas Numerical Simulation

### Message from the Guest Editor

Numerical Simulation is widely used in petroleum engineering for oil and gas development. The Special Issue “Research on Offshore Oil and Gas Numerical Simulation” will address the most recent advances in modeling methods and simulation techniques for offshore oil and gas reservoirs. Submissions should discuss the use of numerical simulations in the petroleum industry. The fields include reservoir evaluation and engineering, deep water oil and gas development, enhanced oil recovery, proxy models, data analytics, multiphase flow in porous media, CO<sub>2</sub> Sequestration, and the development of unconventional resources such as tight oil, tight gas, gas hydrate, and smart wells.

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### Guest Editor

Dr. Jianchun Xu

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### Deadline for manuscript submissions

closed (15 June 2025)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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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

Prof. Dr. Charitha Pattiaratchi  
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