

## Special Issue

# Production Prediction in Onshore and Offshore Tight Reservoirs

### Message from the Guest Editor

In the last decade, with the rapid development and successful application of theoretical models, experimental techniques, and machine learning (ML) techniques in Petroleum Engineering, incredible progresses have been achieved in the production prediction of producers (fractured wells, multi-branch wells) in onshore and offshore tight reservoirs. This Special Issue intends to publish the latest progresses and achievements in research regarding the production prediction in onshore and offshore tight reservoirs through the use of methods, and their combinations, based on experimental techniques, theoretical models, and ML techniques. We invite papers concerning topics including, but not limited to, the following:

- Reservoir evaluation and characterization of onshore and offshore tight reservoirs
- Production prediction for various enhanced oil recovery (EOR) methods applied in onshore and offshore tight reservoirs
- Experimental and numerical modeling of single and multiphase flows in onshore and offshore tight reservoirs
- Machine learning and data science applied for the production prediction in onshore and offshore tight reservoirs

### Guest Editor

Prof. Dr. Gang Lei

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### Deadline for manuscript submissions

closed (5 August 2024)



## Journal of Marine Science and Engineering

an Open Access Journal  
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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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