

## 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

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### Guest Editor

Prof. Dr. Gang Lei

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### Deadline for manuscript submissions

closed (5 August 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).