

## Special Issue

# Structure-Seabed Interactions in Marine Environments

### Message from the Guest Editors

The safety and resilience of offshore development, including exploration of fossil and renewable energy and construction of offshore transportation, primarily depend on the stability and deformability of the offshore structure. Offshore structures include but are not limited to a fixed platform, offshore wind turbine foundations, underwater tunnels, cross-sea bridges, floating facility, and submarine pipelines. Meanwhile, the soil conditions of the seabed are often unusual, particularly in respect of carbonate soils, gassy soils, and structured sensitive soils. The scope of this Special Issue is to gather original fundamental and applied research concerning experimental, theoretical, computational, and case studies that contribute toward an understanding and improvement of offshore structure–soil interaction. The topics include but are not limited to SSI associated with problems of:

- Marine sediment characterization;
- Offshore oil and gas production;
- Offshore renewable energy infrastructures;
- Port and coastal disaster prevention;
- Submarine/cross-sea transportation.

### Guest Editors

Prof. Dr. Dong-Sheng Jeng

Prof. Dr. Zhen Guo

Prof. Dr. Yi Hong

### Deadline for manuscript submissions

closed (15 April 2021)



## Journal of Marine Science and Engineering

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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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#### 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 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).