

Special Issue

Offshore Wind Soil–Structure Interaction (SSI)

Message from the Guest Editor

This Special Issue on “Offshore Wind Soil–Structure Interaction (SSI)” aims to showcase some recent innovative and exciting developments in offshore soil–structure interaction for wind energy infrastructure. Rapid reviewing and publication turn-around for high-quality contributions is ensured, with scope relating (though not limited) to:

- Novel foundation concepts for offshore wind;
- Dynamic soil–structure interaction;
- Cyclic loading;
- Fatigue analysis;
- Life-cycle analysis;
- Probabilistic design of offshore foundation systems;
- CPT-based SSI;
- Physical modelling in offshore geotechnics;
- Advances in numerical modeling of SSI;
- New material models and modeling frameworks for SSI;
- Uncertainty quantification and remediation in SSI;
- Novel testing methods for soil parameter estimation;
- Scour around offshore foundations;
- Pore pressure effects;
- Installation effects

Original research papers, review articles, and case studies are welcome for this Special Issue. Please get in touch if you wish to check the applicability of a proposed submission.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2021)



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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

Prof. Dr. Charitha Pattiaratchi

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Author Benefits

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).