

## 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.

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### Guest Editor

Dr. Luke J. Prendergast

Faculty of Engineering, University of Nottingham, Nottingham NG7 2RD, UK

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### Deadline for manuscript submissions

closed (31 January 2021)



## 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  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
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submission; acceptance to publication is undertaken in 1.9  
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the first half of 2025).