



Offshore Wind Soil–Structure Interaction (SSI)

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 January 2021)

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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Editor-in-Chief

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Message from the Editor-in-Chief

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