

Special Issue

Offshore Geotechnics: Offshore Foundations and Soil- Structure Interactions

Message from the Guest Editor

Offshore technology and geotechnics are key to the development of renewable energy, as they have been for the oil and gas industry for decades. This Special Issue aims to disseminate innovative and original papers that extend current knowledge and expertise to support advancements in the planning, design, construction, and use of offshore structures and energy systems. This Special Issue covers, but is not limited to, the following topics: Engineering geology of offshore sites;

Renewable energy;

Offshore wind farms;

Environmental and geological hazards;

Mechanics of offshore soils and rocks;

Geophysical and geotechnical surveys, penetration testing, and data interpretation;

Marine installations and effects on sea life;

Climate change and sea level rise effects on marine structures;

Types of offshore structures: planning, design, construction, operation, and decommissioning;

Static and dynamic soil-structure interactions;

Wave action, liquefaction, and scouring effects on structures.

Guest Editor

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Deadline for manuscript submissions

closed (1 August 2025)



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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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the first half of 2025).