

Special Issue

Advanced Geotechnical Investigations of Coral Sands in Marine Engineering

Message from the Guest Editor

Coral sand, as a special geomaterial in marine engineering, poses critical challenges to the safety and durability of island and reef construction projects due to its high porosity, crushability, and unique mechanical behavior. This Special Issue focuses on the dynamic response of coral sands, liquefaction susceptibility assessment, in situ permeability assessment, coral reef drilling and coring technology and innovative exploration techniques. The aim is to deepen theoretical understanding and guide engineering practice. We sincerely invite scholars in related fields to contribute to this topic, collectively advancing the development and innovation of marine geotechnical engineering.

Guest Editor

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Deadline for manuscript submissions

31 May 2026



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/261513

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Engineering*
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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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