

## Special Issue

# Stability and Health Monitoring of Offshore Structures

### Message from the Guest Editor

Offshore structures include but are not limited to, marine infrastructure at the surface and bottom of the sea, as well as equipment for marine transport or observation. Due to the nonlinear marine environmental system, the marine structure will produce complex responses to different types of loads such as wind, wave, current and seabed substrate. Risk analysis, stability and structural health monitoring are integrated throughout the design, installation and maintenance of offshore structures. This Special Issue aims to collect the latest research progress and application examples concerning the safety analysis, material optimization, environmental load analysis, damage and fracture identification, detection techniques and methods, finite element analysis models, etc. We invite you to publish your high-quality research and development work in the Special Issue on “Stability and Health Monitoring of Offshore Structures”. All types of manuscripts (i.e., research articles, reviews, and short communications) are welcomed.

### Guest Editor

Prof. Dr. Menglan Duan

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### Deadline for manuscript submissions

closed (30 April 2024)



## Journal of Marine Science and Engineering

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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  
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