

## Special Issue

# Fatigue and Fracture Mechanics of Marine Structures 2nd Edition

### Message from the Guest Editor

The structural integrity of marine structures should be ensured under various environments, and given that it can be affected by different types of loads, the study of fatigue and fracture in these structures should also involve simulations using multi-physics or even multi-scale approaches in order to predict the strength of marine structures, crack growth or even their potential failure. This Special Issue focuses on the study of fatigue and fracture mechanics of marine structures by using different novel approaches. Relevant case studies will be considered, as well as studies exploring the effects of various parameters on the fatigue and fracture of marine structures and their components under different environments. Furthermore, advanced predictive models are also allowed. Finally, additive manufacturing methods for marine structures may also be evaluated here using different methods. Both original and review papers are welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (5 October 2023)



## Journal of Marine Science and Engineering

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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

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