



Fatigue and Fracture Mechanics of Marine Structures 2nd Edition

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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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Message from the Editor-in-Chief

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