



Advances in Marine Structures

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Message from the Guest Editor

Structural mechanics is an important field of engineering. Depending on the usage of the structure and the conditions that it is subjected to, different special treatment is required during analysis. Specifically, marine structures are subjected to harsh environmental conditions due to the marine environment, which can cause several different damage mechanisms, including damages due to fatigue and corrosion. This Special Issue on “Advances in Marine Structures” will consider a wide range of areas related to marine structures, including but not limited to:

- Structural analysis of ship structures;
- Structural analysis of offshore platforms;
- Structural analysis of naval vessels;
- Structural analysis of pipelines and subsea systems;
- Risk- and reliability-based approaches applied to marine structures;
- Structural health monitoring of marine structures;
- Corrosion;
- Ice–structure interactions;
- Collision mechanics;
- Inspection and repair of marine structures;
- Fatigue and fracture;
- Marine composites.





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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.

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