Special Issue

Structural Modelling, Safety Assessment, and Advanced Material Application of Marine Structures

Message from the Guest Editors

Advanced structural modeling techniques are an important prerequisite for accurately predicting the structural safety and reliability of ships and offshore structures. This Special Issue aims to introduce the latest researches in advanced modeling, analysis, and prediction methods for ship and offshore engineering structures, including vibration and acoustic radiation, structural impact resistance, blast damage and protection, fluid-structure coupling, ultimate strength and buckling, fatigue, and the design and analysis of advanced composite structures. With the continuous development of new technologies, new structural forms and new materials, ship and offshore structures will face complex environmental conditions or new forecasting challenges. This hinders the wide-scale application of advanced equipment and structures.

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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.

Editor-in-Chief

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