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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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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