

## Special Issue

# Failure Analysis of Marine Structure

### Message from the Guest Editors

Marine structures have three categories: fixed, mobile, and floating offshore platforms. However, they can be divided into different groups based on their application, material, and supporting system. These structures are generally impractical when it comes to design, considering all types of loads. Moreover, predicting the response of the marine structures due to wind direction, size of the wind, etc. is complex. Therefore, the specialist employs some random variables to design the marine structures for describing the loads, dimensions, structural properties, etc. Other than that, the marine structures are additionally subjected to berthing loads and operational loads. Failures of marine structures and their accessories can lead to serious consequences.

The engineering practice recognizes typically one or few reasons for the failure of such structures: excessive force and/or temperature-induced elastic deformation, yielding, fatigue, corrosion, creep, etc. As a result, it is essential to identify potential threats in the first step that can affect the integrity of marine structures.

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## Journal of Marine Science and Engineering

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*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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