Special Issue

Accidental Limit States of Marine Structures

Message from the Guest Editors

The design of ships and offshore structures for extreme actions, poses particular challenges in terms of the assessment of highly nonlinear structural responses, uncertainties related to material and load modelling, and the establishment of acceptance criteria which define functional requirements concerned with the structures' resistance to accidental effects. In particular, well-established guidance for the quantitative assessment and management of accidental risks is sorely needed. High-quality papers are encouraged for publication that are directly related to various aspects mentioned below:

Computational models for nonlinear structural response analysis;
Constitutive models addressing dynamic inelastic behaviour of marine-use materials;
External dynamics and internal mechanics of collision and grounding;
Safety assessment of damaged structures;
Assessment of consequences of accidental events, e.g., oil spill and flooding;
Quantitative marine accident risk assessment and management.

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Message from the Editor-in-Chief

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.

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