

Special Issue

Analysis of Ultimate Strength and Fatigue Damage of Offshore Structure

Message from the Guest Editor

To encourage the development of novel concepts and creative systems for offshore resources at all water depths, new criteria for the design, construction, building, transportation, installation, inspection, maintenance and decommissioning of these installations shall be proposed to ensure safety and reliability at a lower cost. In this Special Issue, the ultimate strength in uncertain conditions, structural stability in very deep waters, fatigue damage in harsh dynamic environments, etc., shall be detailed to prevent any losses. In addition, innovative research on the thermal buckling of subsea pipelines, the buckling of shell structures in very deep waters, and the damage caused to rises by fatigue in dynamic conditions will be addressed. We invite you to submit your high-quality research to this Special Issue entitled "Analysis of Ultimate Strength and Fatigue Damage of Offshore Structure". All types of manuscript (i.e., research articles, reviews, and short communications) are welcome.

Guest Editor

Prof. Dr. Menglan Duan

Institute for Ocean Engineering, Tsinghua Shenzhen International Graduate School, Tsinghua University, Shenzhen 518055, China

Deadline for manuscript submissions

closed (20 July 2025)



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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

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