

Special Issue

Offshore Oil and Gas Drilling Equipment and Technology

Message from the Guest Editor

The offshore oil and gas industry remains a cornerstone of global energy production, with continuous advancements in drilling equipment and technology driven by increasing demands for efficiency, safety, and sustainability. This Special Issue aims to present the latest research and developments in offshore drilling, covering innovative drilling systems, advanced equipment design, operational optimization, and environmental impact mitigation. Additionally, we highlight the emerging role of intelligent technologies, such as smart sensing and integrity management, in enhancing operational reliability and efficiency. We invite submissions of original research articles, review papers, and case studies that address both established and emerging challenges in offshore drilling, with a focus on practical applications and future directions.

Guest Editor

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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
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Western Australia, Perth, WA 6009, Australia

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