

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

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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