

Special Issue

Sustainable Marine and Offshore Systems for a Net-Zero Future

Message from the Guest Editors

The global urgency to mitigate climate change is driving transformative changes in the marine and offshore sectors. The European Union and the International Maritime Organization (IMO) have set targets to reduce net greenhouse gas emissions. In pursuit of these goals, offshore and maritime systems are emerging as critical enablers of this energy transition.

In this context, the convergence of offshore renewable energy, carbon storage infrastructure, and green maritime technologies is no longer optional—it is essential. However, the integration of these systems poses complex engineering and environmental challenges.

This Special Issue seeks to bring together cross-disciplinary research that addresses these challenges and accelerates the deployment of sustainable technologies in the ocean domain. By highlighting innovative approaches in marine engineering, floating structures, offshore energy conversion, and carbon management, we aim to support the global effort toward climate neutrality and a resilient blue economy.

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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

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