

Special Issue

Advances in Recent Marine Engineering Technology

Message from the Guest Editor

Marine engineering is at the forefront of digitalization, intelligentization, and green energy transformation. The research directions in marine engineering discussed in this Special Issue have rapidly developed since the early 21st century. The development of green energy and power systems is pivotal for improving ship performance while concurrently reducing their ecological footprint. Innovations in intelligent perception and autonomous control systems are also high on our agenda, as they promise to automate ship operations, thereby enhancing safety and proficiency. Furthermore, the integration of robotics and unmanned systems into ship maintenance, detection, and exploration is an area that is rapidly gaining traction. In addition, the design and manufacturing of novel ships and ocean engineering equipment, as well as the exploration of new energy sources for the ocean, are the focus of innovative marine engineering technologies. These directions showcase the industry's commitment to technological innovation and environmental sustainability. This Special Issue encourages scholars to contribute their groundbreaking work to the above-evolving field.

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.

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