

Special Issue

Global Navigation Satellite System for Maritime Applications

Message from the Guest Editors

The advent of the Global Navigation Satellite System (GNSS) has revolutionized maritime navigation, providing seafarers with unprecedented accuracy, reliability, and global coverage. GNSSs encompass a constellation of satellites emitting signals that enable the precise determination of position, velocity, and time with for users across the globe, thus supporting the resilient Position, Navigating and Timing (PNT) global availability. The use of GNSSs in maritime applications extends beyond simple navigation to a multitude of critical operations, including search and rescue, secure cargo tracking, authenticated fisheries management, and the enforcement of maritime boundaries. This Special Issue delves into the specific applications of GNSSs in the maritime industry, including the development of autonomous vessels, which rely heavily on accurate and high integrity positioning; the enhancement of maritime safety; the facilitation of efficient maritime transport; and the support of sustainable marine environmental practices.

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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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