

Special Issue

Research Progress on Ocean Observations Technology and Information Systems

Message from the Guest Editors

Although increasingly mature marine observation technologies have been developed during recent decades for a better understanding of the oceans, the new advances of existing operational observing systems have been constrained by limited cooperation and interaction between the managers of existing ocean networks on earth as well as between the observing units. In order to improve the processes that take place globally in the oceans (such as weather monitoring and forecasting, climate variability, sea level rise, natural hazards, ocean acidification, the health of the ocean, pollution and ecosystem functioning, energy, economic development and coastal management, new research is ongoing to improve and optimize infrastructures and updated models at the international level. The state-of-the-art in situ marine sensors with the capability to be easily integrated into ocean platforms combined with innovative communication and information systems for real-time data transmission will emerge as new features of both forecasting methods and smart emergency systems to protect humans.

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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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