



Radar Technology for Coastal Areas and Open Sea Monitoring

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Message from the Guest Editors

Monitoring oceans and coastal areas has a fundamental social impact and this scenario is made still more challenging with regard to the present and future issues related to climate change. In this context, radar systems have gained increasing interest, since they are remote sensing devices capable of providing information about sea waves, currents, tides, bathymetry, and wind. Moreover, radar systems can be designed to perform both large-scale and small-scale monitoring, with different spatial and temporal resolutions, and can be installed on different observation platforms (ship-based, ground-based, airborne, satellite or drones).

The Special Issue aims at engendering a virtual forum for ocean radar researchers where state-of-the-art methodologies and applications concerning ocean monitoring are reviewed and discussed. Possible topics for the Special Issue include, but are not limited to:

- radar system design;
- signal processing;
- ocean dynamics;
- open sea and coastal areas monitoring;
- physical–biological interactions;
- sea safety and protection.





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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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