

Special Issue

Remote Sensing for Maritime Monitoring

Message from the Guest Editors

Within the conceptual framework of maritime traffic safety, human operators, vessels, and the operational environment constitute the fundamental three governing secure navigation. Maritime monitoring systems function as critical operational safeguards, providing real-time risk mitigation through personnel protection via emergency response coordination, vessel operations optimization through navigational hazard detection, and environmental preservation by pollution incident tracking. Remote sensing has emerged as a transformative technological paradigm in maritime surveillance, including maritime domain awareness through vessel-traffic pattern analysis, pollution detection via spectral signature identification, automated vessel tracking using synthetic aperture radar (SAR) imaging, and intelligent navigation support systems integrating real-time oceanographic data. This Special Issue aims to collect the latest theoretical, experimental, modeling, and application results in the field of remote sensing for maritime monitoring. Contributions may also include case studies, review articles, or short communications. We look forward to your contributions.

Guest Editors

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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