

Special Issue

Satellite Remote Sensing for Ocean and Coastal Environment Monitoring

Message from the Guest Editors

Knowledge of the ocean environment, especially in the coastal regions, is essential for numerous human activities such as tidal power, navigation and ocean engineering. Remote sensing technologies like satellite altimeters and GNSS reform traditional ocean researches through providing observations with nearly global coverage. This Special Issue of *Remote Sensing* endeavors to assemble novel researches that utilize multi-source remote sensing observations, as well as numerical models to explore diverse ocean dynamic processes and their influences on a changing ocean environment in the global ocean, especially in the coastal areas with complicated hydrodynamic contexts and vital socio-economic problems. We welcome you to submit one or more research and review articles to the Special Issue titled “Satellite Remote Sensing for Ocean and Coastal Environment Monitoring”. Keywords

- sea level rise
- ocean tides
- model assimilation
- sea surface temperature
- sea surface salinity
- chlorophyll
- water transparency
- sea waves
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Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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About the Journal

Message from the Editorial Board

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.

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