

## 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

Dr. Haidong Pan

Dr. Daosheng Wang

Dr. Jungang Yang

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### Deadline for manuscript submissions

31 July 2025



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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