

## Special Issue

# Wave Propagation and Scattering in Complex Ground/Marine Environment

### Message from the Guest Editors

This Special issue will advance our shared understanding and applications of electromagnetic scattering and wave propagation in complex ground/marine environments. We invite submissions that address the latest methods, algorithms, and applications that enhance our ability to interpret and utilize echo data in these challenging scenarios.

Suggested themes:

- Electromagnetic modeling of complex environments;
- Composite scattering of target in complex environments;
- Calculation and application of wave propagation in complex environments;
- Fast modeling and prediction of ground/sea clutter;
- Modeling and effectiveness evaluation of active/passive interference characteristics in complex environments;
- Fast SAR/ ISAR imaging of complex environments and targets;
- Fast prediction of electromagnetic scattering on artificial intelligence;
- Multiscale and multisource data integration approaches for comprehensive environmental analysis.

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### Guest Editors

Prof. Dr. Lixin Guo

Prof. Dr. Juan Li

Dr. Ke Li

Dr. Shuirong Chai

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### Deadline for manuscript submissions

31 December 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

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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