

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.

Guest Editors

Prof. Dr. Lixin Guo

Prof. Dr. Juan Li

Dr. Ke Li

Dr. Shuirong Chai

Deadline for manuscript submissions

closed (31 December 2025)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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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