

Special Issue

Recent Advances in Microwave and Millimeter-Wave Imaging Sensing

Message from the Guest Editors

The Special Issue focuses on the recent advances in microwave and millimeter-wave imaging sensing, including theories, methods, systems, and applications. The theories involve the surface scattering model, volume scattering model, radiation brightness temperature model, radiative transfer, and imaging simulation. The methods include data processing and algorithm development, software and hardware collaboration intelligent processing, accurate measurement of targets and environmental features, and target detection and identification. The systems mainly involve devices, instruments, schemes, new ideas, and others concerning radiometers and radar. The applications include remote sensing, target detection, personnel security inspection, simulation or experiment results, and others. The special topic presents an opportunity to show the latest technologies and developments in microwave and millimeter-wave imaging sensing. We wholeheartedly appreciate your consideration in submitting manuscripts for this Special Issue.

Guest Editors

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Dr. Guoping Hu

Dr. Jian Dong

Deadline for manuscript submissions

closed (30 June 2025)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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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