remote sensing

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Multi-Dimensional Radar Sensing: Systems, Algorithms, and Applications

Guest Editors:

Dr. Shunjun Wei

Dr. Mou Wang

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Dr. Shaoqing Hu

Deadline for manuscript submissions:
closed (20 December 2023)

Message from the Guest Editors

Papers for discussing the major challenges, latest developments, and recent advances in this area are highly welcomed.

- Multi-dimensional Radar Sensing: Advances in systems and algorithms;
- Novel applications on multi-dimensional radar sensing;
- MIMO and multistatic/distributed radar systems, schemes, and data processing techniques;
- Three-dimensional SAR imaging with artificial intelligence and machine learning-based approaches;
- Three-dimensional object detection with advanced techniques;
- Deformation monitoring, polarimetric SAR image classification;
- Object reconstruction from multidimensional radar point clouds;
- Advanced data visualization techniques of multi-dimensional radars;
- Image processing and image fusion for multi-sensor data;
- Simultaneous localization and mapping (SLAM) with multi-dimensional radars;
- Millimeter wave radar, Terahertz radar, and LIDAR techniques;
- Advances in radar system implementation including waveform design, hardware design;
- Reviews, technique[illegible], designs or demo addressing
- Novel sensing or imaging techniques potential for

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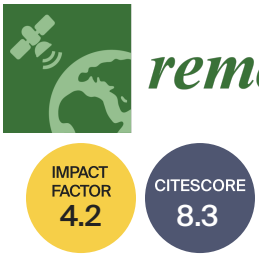
Special Issue

multi-dimensional radar applications;



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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.

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