Special Issue

Advances in Remote Sensing, Radar Techniques, and Their Applications

Message from the Guest Editors

Advances in remote sensing techniques have expanded our ability to monitor and understand Earth's processes, leading to advancements in fields such as mapping, environmental conservation, disaster management and natural hazards study, resource exploration, agriculture, urban planning and national security. This Special Issue aims to report on the latest advances and trends in remote sensing and radar techniques and applications and the application of modern artificial intelligence, machine learning and big data methods for processing collected data and improving the performance of collected measurements.

- synthetic aperture radar (SAR) systems;
- radars mounted on unmanned aerial vehicles (UAVs), ground-penetrating radars (GPRs), automotive radars;
- radars for sensing in assisted living and motion recognition, OTH (over-the-horizon) radars, light detection and ranging (LiDAR) systems;
- machine learning/deep learning, big data
- phased array and MIMO radars, etc.

Guest Editors

Prof. Dr. Nebojsa Doncov
Prof. Dr. Venceslav Kafedziski
Prof. Dr. Dusan Gleich

Deadline for manuscript submissions

closed (20 February 2025)

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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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