Special Issue

Applications of Radar Remote Sensing in Earth Observation

Message from the Guest Editors

This Special Issue aims to showcase the transformative applications of radar remote sensing in Earth observation, including, but not limited to, land cover and land use mapping, forest canopy height and aboveground biomass estimation, and land hazard and risk monitoring. We encourage submissions that highlight innovative research, novel methodologies, and practical applications of radar remote sensing in these and related fields. Submissions are welcome on a wide range of topics, including, but not limited to, the following:

- Radar remote sensing in land hazard and risk monitoring, such as land subsidence monitoring and change detection.
- Radar remote sensing in land cover and land use mapping, forest canopy height estimation, aboveground biomass assessment, and other terrestrial studies.
- Integration of novel radar sensor data with complementary geophysical datasets to enhance our understanding of the Earth system processes.
- Development of new algorithms and techniques for processing and analyzing radar remote sensing data, including conventional signal processing, deep learning, and other machine learning approaches, with an emphasis on improving accuracy and efficiency.

Guest Editors

Prof. Dr. Guoman Huang

Prof. Dr. Xiaoli Ding

Prof. Dr. Zhong Lu

Dr. Qingli Luo

Dr. Ling Chang

Deadline for manuscript submissions

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

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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

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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