

Special Issue

Synthetic Aperture Radar Remote Sensing for Geophysical and Biophysical Parameters Retrieval

Message from the Guest Editors

A tentative list of topics on which manuscripts can be submitted is as follows:

- Retrieval of forest parameters using SAR remote sensing;
- Mapping and monitoring of agricultural crops;
- Soil moisture retrieval by implementing modeling approaches on SAR data;
- Scattering-based characterization of manmade and natural features using polarimetric decomposition models;
- Machine learning and deep learning models for SAR backscatter-based classification of land use and land cover;
- Monitoring of volcanic eruptions and lava flow using PolSAR and InSAR;
- Mapping and monitoring of cultural and natural world heritage sites using spaceborne SAR data;
- Retrieval of geo-/biophysical parameters and classification using SAR data in combination with other remote sensing data;
- Snow parameter retrieval and mapping and monitoring of glacier surfaces using SAR data;
- Utilization of SAR data for geological applications;
- Land subsidence mapping and monitoring using temporal InSAR data;
- Polarimetric modeling for geological, geomorphological, and structural parameters of the lunar surface.

Guest Editors

Dr. Shashi Kumar

Dr. Rahul Raj

Dr. Gaurav Kumar

Dr. Anil Kumar

Dr. Unmesh Khati

Dr. Prasad S. Thenkabail



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

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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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