



Synthetic Aperture Radar Remote Sensing for Geophysical and Biophysical Parameters Retrieval

Guest Editors:

Dr. Shashi Kumar

Dr. Rahul Raj

Dr. Gaurav Kumar

Dr. Anil Kumar

Dr. Unmesh Khati

Dr. Prasad S. Thenkabail

Deadline for manuscript
submissions:
closed (15 August 2024)

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.





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Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and
Geographic Information Systems,
Peking University, Beijing, China

Message from the Editorial Board

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Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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