

Special Issue

SAR for Forest Mapping II

Message from the Guest Editors

As a vital natural resource, forests are of extreme importance for all living beings on our planet. We would like to dedicate this Special Issue to documenting SAR-based methods for forest mapping on forest ecosystem, forest degradation, forest resources. We make a second volume on this topic. Well-prepared, unpublished submissions that address one or more of the following topics are solicited:

- New methods and concepts for the quantitative assessment of forest biomass;
- Combination of complementary SAR imaging methods (tomography, polarimetry, interferometry) to define novel approaches, concepts, and applications for forest mapping and monitoring;
- Feasibility studies with new sensors, ranging from drones to spaceborne SAR systems, and their applications to forestry;
- Combined use of multifrequency SAR imaging for forest applications;
- Comparison and benchmarking studies using various sensors and/or processing methods for forestry;
- New approaches for the detection of forest changes;
- Potential of artificial intelligence-based methods for forest information retrieval;
- Novel methodologies considering the fusion of SAR data with data from other sources.

Guest Editors

Dr. Michele Martone

Microwaves and Radar Institute, German Aerospace Center (DLR), Oberpfaffenhofen, Germany

Dr. Armando Marino

Department of Biological and Environmental Sciences, University of Stirling, Stirling FK9 4LA, UK

Deadline for manuscript submissions

closed (31 January 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.3



mdpi.com/si/77130

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 8.3



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)