Special Issue

Satellite-Based Forest Structure Mapping

Message from the Guest Editors

Burgeoning stressors on Earth's forest ecosystems imposed by changing climate, population growth, and exotic insects and pathogens challenge us to develop novel, satellite-based solutions to our planet's most vexing adaptation problems. Hence, this Special Issue welcomes articles dedicated to the advancement of satellite-based sensor systems, methodologies, and solutions that improve, expand, or automate forest structure, status, and health monitoring efforts.

Potential topics for this Special Issue include, but are not limited to, the following:

Pre-visual detection, identification, and assessment of biotic and abiotic forest stressors;
Forest productivity and ecosystem dynamics;
Response of forest ecosystems to climate change;
Vertically intelligent forest structure and moisture status assessment;
Novel data fusion analyses for forest dynamics monitoring and modeling;
Regional fire risk monitoring and modeling;
Cloud-based forest structure mapping.

Guest Editors

Dr. Peter T. Wolter

Assistant Professor, Department of Natural Resource Ecology and Management, Iowa State University, Ames, IA 50011, USA

Prof. Philip Townsend

Department of Forest and Wildlife Ecology, University of Wisconsin-Madison, Madison, WI 53706, USA

Deadline for manuscript submissions

closed (15 June 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/66385

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

MDPI

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)