# Special Issue

# Retrieving Leaf Area Index Using Remote Sensing

### Message from the Guest Editors

This Special Issue calls for recent advances in the science and technology of using remote sensing to estimate LAI. Topics include but are not limited to: proximal/ground measurements, radiative transfer modeling and theoretical formulation, exploitation of emerging platforms such as UAV and SmallSat, utilization of optical/hyperspectral/LiDAR images, multisource data fusion, novel machine/deep learning techniques, hybrid modeling, uncertainty quantification, and product development/description/validation. Review and commentary papers are also welcome.

#### **Guest Editors**

Dr. Yanghui Kang

Department of Environmental Science, Policy, and Management, University of California, Berkeley, CA 94720, USA

Dr. Feng Gao

Hydrology and Remote Sensing Laboratory, Agricultural Research Service, United States Department of Agriculture, Beltsville, MD 20705, USA

Dr. Rasmus Houborg

Planet Labs, 645 Harrison St, San Francisco, CA 94107, USA

#### Deadline for manuscript submissions

20 January 2025



an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 8.3



mdpi.com/si/142284

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

mdpi.com/journal/remotesensing





an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 8.3



# 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 peerreview 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)

