Special Issue

Quantitative Remote Sensing and Its Applications in Agriculture and Vegetation

Message from the Guest Editors

Quantitative remote sensing has revolutionized the way we monitor and manage agricultural landscapes and vegetation. With advancements in sensor technology, data processing, and modelling techniques, remote sensing offers unprecedented opportunities to gather detailed and accurate information about crops and vegetation. These developments are crucial for enhancing our understanding of agricultural systems and vegetation dynamics, enabling better decision-making, and improving sustainability. This Special Issue aims to explore the latest advancements in quantitative remote sensing and its wide range of applications in agriculture and vegetation studies. We invite submissions that delve into innovative methodologies, sensor technologies, and modelling approaches that contribute to the quantitative assessment and monitoring of agricultural and vegetative systems.

Guest Editors

Dr. Zhijun Zhen

Prof. Dr. Shengbo Chen

Dr. Tiangang Yin

Prof. Dr. Jean-Philippe Gastellu-Etchegorry

Deadline for manuscript submissions

15 September 2025

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/216676

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

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)