remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

New Insights in Crop Monitoring and Management Using Remote Sensing Data

Guest Editors:

Prof. Dr. Jonghan Ko
Applied Plant Science, Chonnam National University, Gwangju 61186, Korea

Prof. Dr. Wei Xue
College of Ecology and Environment, Xinjiang University, Urumqi 830049, China

Dr. Xinwei Li
College of Resource and Environment, Anhui Science and Technology University, Fengyang 233100, China

Deadline for manuscript submissions:
30 July 2024

Message from the Guest Editors

This special issue aims to compile the latest research in remote sensing technologies that apply to monitoring and retrieving crop and soil biophysical variables and genetic and phenotypic parameters; it also welcomes remote sensing-based solutions to support field management decisions for improved resource use efficiency and sustainable production. This issue interests stakeholders in the agricultural policy areas, including climate change adaptation, digital agriculture and modern farming techniques.

We welcome original research contributions, exhaustive reviews, new remote sensing methodologies and relevant applications in diverse agricultural environments with the latest developments in agricultural technologies. Specifically, we invite papers on the following research topics:

- progress in scientific methodologies in crop monitoring and management using remote sensing data;
- innovative remote sensing and image analysis tools or methods for enhanced quantification of biophysical and biochemical variables of crops and soils;
- application of a holistic system of these approaches.

mdpi.com/si/148630

Special Issue

remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

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

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.

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*)

Contact Us

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI