

Special Issue

Agricultural Water Management Using Geospatial Technologies

Message from the Guest Editors

We would like to invite you to contribute by submitting articles about your recent research, experimental work, reviews, and/or case studies related to agricultural drainage management. Contributions may include, but are not limited to, the applications of remote sensing and GIS in the following topics:

- Rainfall–runoff modeling;
- Development and application of a water balance model;
- Multi-model approach for stream flow simulation;
- Multi-criteria analysis for construction of agricultural drainage network;
- Machine learning and geo-computation in agricultural drainage management;
- The effects of climate change on water resources planning and management and sustainable agricultural drainage systems;
- Water demand–supply–constraint analysis in irrigated agriculture;
- Irrigation performance indicators
- Scenario analysis of drainage management practices;
- Groundwater recharge estimation;
- Remote sensing for water storage and environmental water usage;
- Soil erosion, non-point source pollution, and water quality modeling at agricultural watersheds;
- High-resolution remote sensing applications in agricultural drainage management.

Guest Editors

Dr. Xihua Yang
Prof. Dr. Alfredo Huete
Prof. Dr. Yong Xue

Deadline for manuscript submissions

closed (31 December 2022)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/74905

Remote Sensing
Editorial Office
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 4.1
CiteScore 8.6



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



About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)