Special Issue

Remote Sensing for Climate-Smart Agriculture

Message from the Guest Editors

This special issue calls for original manuscripts that describe the innovative studies of developing remote-sensing algorithms and their applications to advance monitoring climate-smart agriculture system, development of agriculture modeling methodology, automation technology, decision making/support system, or use case. Remote sensing technology should have a crucial role. Example topics include:

- Climate-smart decision making
- Remote-sensing-supported Agro-AI/ML
- In-season crop mapping using remote sensing technologies
- Remote-sensing-enhanced agricultural climate modeling
- Crop evapotranspiration modeling with remote sensing
- Crop condition monitoring using remote sensing technologies
- Remote-sensing-based crop condition assessment and growth stage estimation
- Irrigation decision support systems with integrated use of remote sensing data
- Assimilation of remote sensed observations in crop modeling
- Crop yield estimation using remote sensing
- Precision agriculture
- Remote-sensing-based risk management
- Remote-sensing-based sustainable agricultural systems and decision practices.

Guest Editors

Prof. Dr. Liping Di

Dr. Faisal M. Qamer

Dr. Haishun Yang

Dr. Fei Chen

Dr. Eugene Yu

Deadline for manuscript submissions

closed (30 September 2023)

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.

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