

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

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Dr. Faisal M. Qamer

Dr. Haishun Yang

Dr. Fei Chen

Dr. Eugene Yu

Deadline for manuscript submissions

closed (30 September 2023)



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Impact Factor 4.1
CiteScore 8.6



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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

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