



## Remote Sensing for Climate-Smart Agriculture

Guest Editors:

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**Dr. Eugene Yu**

Deadline for manuscript  
submissions:  
**closed (30 September 2023)**

### 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





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## Editor-in-Chief

### Dr. Prasad S. Thenkabail

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## 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.

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