

Special Issue

Monitoring Water, Vegetation, and Soil Condition in Farmland Ecosystems: Integration of Multi-Source Remote Sensing

Message from the Guest Editors

This Special Issue will focus on the advancement of multi-source remote sensing in monitoring water, vegetation, and soil health in farmland ecosystems. We welcome novel research, review, and opinion pieces covering all related topics, including but not limited to the following topics:

- Retrieving soil moisture and nutrients in farmlands;
- Cultivation structure extraction and area estimation;
- Crop traits (LAI, biomass and leaf chlorophyll content) inversion;
- Assimilation of multi-source RS into crop growth models;
- Optimization of irrigation system and evaluation of water productivity;
- Construction of regional intelligent irrigation decision-making systems.

Guest Editors

Prof. Dr. Ningbo Cui

Dr. Taifeng Dong

Dr. Cong Wang

Prof. Dr. Yulei Xie

Deadline for manuscript submissions

closed (31 August 2024)



Remote Sensing

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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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