

Special Issue

Recent Progress in GIS and Remote Sensing for Agriculture-Related Applications (Second Edition)

Message from the Guest Editors

Monitoring agricultural activities can provide valuable information to farmers, investors, and decision makers. We welcome submissions that describe state-of-the-art approaches in the progress in GIS and remote sensing for agriculture-related applications, including, but not limited to, the following: Research on remote sensing crop mapping theory, methodology, and practices; Data fusion, calibration, validation, and ground truths for agricultural monitoring; Crop mapping, condition monitoring, acreage estimation, and yield modeling; Cropland evapotranspiration, soil moisture, and drought monitoring and assessment; Remote sensing-based agricultural disaster monitoring, assessment, mitigation, and emergency response; Remote sensing monitoring and modeling on agricultural greenhouse gases; Crop/plant disease detection, monitoring, and assessment; Cloud computing and big data in agriculture-related applications; Agricultural land use and land cover change; Agricultural deep learning and artificial intelligence technology.

Guest Editors

Dr. Li Lin
Dr. Chen Zhang
Prof. Dr. Liping Di

Deadline for manuscript submissions

closed (31 October 2025)



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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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