



## Recent Progress in GIS and Remote Sensing for Agricultural Applications

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (30 November 2023)**

### Message from the Guest Editors

We welcome submissions that describe state-of-the-art approaches in the progress in GIS and remote sensing for agricultural-related applications, including, but not limited to, the following:

- Research on remote sensing crop mapping theory, methodology, and practices;
- Geospatial information for stratification and sampling;
- 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;
- Global climate and environmental change and its impacts on agriculture sustainability and food security;
- Remote sensing monitoring and modeling on agricultural greenhouse gases; Agricultural environment and public health; 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; Spatial data uncertainty analysis.





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## Message from the Editor-in-Chief

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