

Special Issue

Remote Sensing Applications in Crop Monitoring and Modelling

Message from the Guest Editors

To demonstrate the developments in remote sensing for crop monitoring and modeling, this Special Issue aims to present new and innovative applications of remote sensing data, collected from various platforms and sensors, as well as highlight novel mechanisms and data-driven methods, such as data fusion and artificial intelligence, to tackle the issues facing crop production. Topics of interest include, but are not limited to, the following:

- Crop mapping using satellite observations;
- Crop growth monitoring using multimodel data fusion;
- Cloud computing applications in the remote sensing of agriculture;
- High-throughput acquisition of crop phenotypic traits;
- Crop biophysical and biochemical parameter retrieval;
- Crop yield forecasting;
- Crop disaster warning;
- Crop model and data assimilation.

Guest Editors

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