Special Issue

New Perspectives in Plant Phenotyping: Satellite-Based Multispectral Remote Sensing

Message from the Guest Editors

The scope of this Special Issue includes, but is not limited to, the following topics:

- The Development of Novel Approaches in Agricultural Applications
- Innovative techniques using machine learning and deep learning for crop identification and classification
- Development of high-precision products for single crop identification or multi-crop classification
- Global Variations in Crop Phenology and Planting Patterns
- Exploration of global variations in crop phenology and planting patterns, including multi-cropping systems
- Performance Comparison of Multispectral Sensors
- The comparative performance analysis of different multispectral sensors in extracting the phenological characteristics of crops
- The Fusion of Multispectral Images for Enhanced Accuracy
- Techniques for multisource multispectral remote sensing data to enhance accuracy in agricultural applications
- Multi-source and Multi-Scale Spectral Data Fusion to Enhance Regional Phenotype Mapping
- Spectral data fusion from the ground, drones, and satellites to improve the performance of plant phenotyping.

Guest Editors

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Deadline for manuscript submissions

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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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