

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

Dr. Luwei Feng
Dr. Xiaoyan Kang
Dr. Yan Zhao

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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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Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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