

Special Issue

Estimation of Crop Phenotyping Traits using Unmanned Ground Vehicle and Unmanned Aerial Vehicle Imagery

Message from the Guest Editors

This Special Issue is focused on the latest innovative research results in the field of remote sensing technology, sensor technologies, and imagery algorithm development and applications specifically addressing issues estimating the crop phenotyping traits based on UGV and UAV imagery. The list below provides a general (but not exhaustive) overview of the topics that are solicited for this Special Issue:

- UGV and UAV platforms application for crop phenotyping traits
- Imagery algorithms (data fusion, segmentation, classification, machine learning, and deep learning, etc.) to estimate crop phenotyping traits
- Sensors (RGB, multispectral, hyperspectral, thermal, Lidar, fluorescence, etc.) application for crop phenotyping traits
- Combination of different sensors data to improve the estimation accuracy of crop phenotyping traits
- Data assimilation of multisource images into two- or three-dimensional crop models

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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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