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

Guest Editors:

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Deadline for manuscript submissions:

closed (31 December 2018)

# **Message from the Guest Editors**

Dear Colleagues,

This Special Issue is focused on the latest innovative research results in the field of remote sensing technology, senor 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 twoor three-dimensional crop models

Dr. Xiuliang Jin Dr. Zhenhai Li Prof. Dr. Clement Atzberger *Guest Editors* 











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## **Editor-in-Chief**

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# Message from the Editor-in-Chief

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