



## Yield Prediction Using Data from Unmanned Aerial Vehicles

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### Message from the Guest Editors

This Special Issue aims to present state-of-the-art methods and results of yield estimation using UAVs as platforms to collect remote sensing data in agriculture. The type of sensors used may include, but is not limited to, high resolution RGB cameras, multispectral and hyperspectral cameras, LiDAR sensors, and TIR sensors. A fusion of different UAV sensors in combination with other ground-based or satellite-based sensor systems used for modeling the yield estimation is conceivable and desirable. Different modeling approaches and comparisons between, for example, multivariate regression, decision trees, support vector machines, or artificial neural networks are also encouraged. There is no preference for the agricultural crop, but UAV data from multi-year field trials and time series datasets within the vegetation period are preferred. Additionally, contributions by validation experiments for UAV data in crop production are highly encouraged.





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## Message from the Editor-in-Chief

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