



UAVs in Sustainable Agriculture

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Message from the Guest Editors

The use of unmanned aerial vehicles (UAVs) was introduced in agriculture a few years back. Agricultural fields are complex entities in many Asian and African countries with small landholding. Recent advanced image processing techniques and improved efficiency have made UAVs the best option for small landholding crop and orchard management and decision making in real time. UAVs equipped with sensors can accurately and quickly obtain low-altitude remote sensing data, which allow precision management of agricultural production and help to develop modern and efficient sustainable agriculture.

This Special Issue on “UAV in Sustainable Agriculture” will mainly focus on topics related to the use of UAV for crop monitoring, including growth rate, LAI, soil and plant nutrition, detection of disease and pest, biomass and yield estimation, and image processing. Artificial Intelligence (AI)- and deep learning (DL)-based algorithms are encouraged.





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Message from the Editorial Board

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