

Peer Review

Review of: "Plantation Monitoring Using Drone Images: A Dataset and Performance Review"

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The paper Plantation Monitoring Using Drone Images: A Dataset and Performance Review,

It presents ways of monitoring plants using CNN, this topic is systematically explored in several studies. However, the scientific discovery does not present a new discovery, but can be used to develop specific forms of monitoring.

In general, the research is important, but in several points it lacks basic definitions in the acronym "CVAT" and an effective explanation of how the 3 levels were classified (Good, Stunted, Dead). The introduction correlates well with the results, but in my opinion the discussion is still not sufficient. The authors can correlate their results with other applications, highlight challenges and correlate the findings.

I suggest including these studies in your discussion:

Identification and Counting of Coffee Trees Based on Convolutional Neural Network Applied to RGB Images Obtained by RPA

Tomato flower detection and counting in greenhouses using faster region-based convolutional neural network

Deep learning based banana plant detection and counting using high-resolution red-green-blue (RGB) images collected from unmanned aerial vehicle (UAV)

Declarations

Potential competing interests: No potential competing interests to declare.