

Review of: "Modelling of Quadcopter for Precision Agriculture and Surveillance Purposes"

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Potential competing interests: No potential competing interests to declare.

Dear authors, great work, quite interesting to read. The article describes UAV modeling and its application in agriculture and surveillance purposes. The topic of the article is a good one, however, there are few problems and suggestions that need to be addressed, which are listed below:

- The main research content and results of the article are not consistent with the title of precision agriculture and surveillance applications.
- The abstract should include (objectives, methodology, and results).
- The introduction should contain what related works (related to recent papers and studies) do and what the current authors developed (contributions).
- Related to the materials and methods, provide more technical details of the different components, especially about the specific components of the quadcopter, such as the BLDC motors, autopilot, and spray system.
- In the simulation section, the presented results are confusing and look like a way of practical purposes.
- The authors do not present a block diagram to show the inputs, outputs, and control parameters of the whole system.
- The experimental results are not provided, and the simulation results are not clear and need more details.
- There is no correlation between the mathematical modeling of the drone and the final design.

At the end, it is recommended that authors should emphasize their contribution with respect to what exists in other recent studies.

Thanks to the authors, and good luck!