

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_124114
Title of the Manuscript:	Empowering Small-Scale Vegetable Farmers with Drone-Based Decision Support Systems for Sustainable Production
Type of the Article	Review article

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	I find this manuscript compelling because it bridges the gap between advanced technology and its practical application in resource-constrained environments. The author explains key areas such as pest and disease management, irrigation, and yield prediction very effectively. Some areas lack clarity regarding the source of data, specific versions used, and detailed ratios	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract suggests improvements in clarity and is presented in a research-oriented manner.	
Are subsections and structure of the manuscript appropriate?	Chapter 2 missing	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Add information related to drone types or drone classification. Clarify if Table 2 is based on your own research or a referenced source. What is Kappa, and why is the confusion matrix used ? Author mentioned statistical data in introduction part, so please reference the government statistical report or provide a reliable source. Empirical Yield Models: use LAI?/what are the indices used?	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Table.1 Need some reference sources	

Comment [Ma1]: What are the data set used / LAI use this model ?

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	English quality ok for this article	
Optional/General comments	<p><input type="checkbox"/> Table 1 is not discussed in the introduction text. Please include a reference to Table 1 in the relevant section of the introduction. The introduction and Result part is well-written.</p> <ul style="list-style-type: none">• Please add information on the input factor source (soil data, weather data), DSSAT version? and whether LAT data was collected manually or using an instrument (including the instrument version/app).	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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