

**Review Form 3**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	<b>Ms_IJECC_125103</b>
Title of the Manuscript:	<b>Monitoring Water Depth and Seepage Rates in Pitcher Irrigation</b>
Type of the Article	<b>Research paper</b>

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**PART 1: Review Comments**

<b><u>Compulsory</u></b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	Irrigation is an important aspect of current time for ensuring good production of crops and ultimately ensuring food and nutritional security. This paper is a good attempt to discuss traditional irrigation techniques. Such irrigation practices are helpful for those places where water is scarce and other irrigation methods are not available, hence this manuscript is very much for scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Study area should also be there in the title	
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.	Yes but author have to increase the number of keywords.	
Are subsections and structure of the manuscript appropriate?	That's fine	
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.	This manuscript is scientifically robust and technically sound as it demonstrates a systematic approach to monitoring water depth variations in a pitcher irrigation system over a defined period. The continuous data collection at multiple time points per day provides a comprehensive understanding of the dynamics of water loss, influenced by factors such as crop water demand, evaporation, and soil absorption. The use of seepage rate calculations to quantify water loss offers valuable insights into the efficiency of the irrigation system, and the analysis of spatial heterogeneity in water depletion rates across different pots is well-justified, highlighting the impact of local conditions like soil properties and plant activity.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Author can add latest articles in the references in future research	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	yes	
<u>Optional/General</u> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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