Review Form 1.7

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_111238**
Title of the Manuscript:	**Identification of Rainfall Deviation Thresholds Based on WRSI for Monitoring Water Stress in Pulses**
Type of the Article	**Original Research Article**

PART 1: Review Comments

	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)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**1. It is not so important. If the author can improve some parts of this manuscript, it will be more important for scientific community.** **2. Yes.** **3. Yes.** **4. (1) In 2. MATERIAL AND METHODS, the author did not describe the detail of the calculation of WRSI. Please describe how to calculate AETc and PETc.** **(2) AETc and PETc are calculated from SWB model and equation 3, please describe the theory of SWB model. There is no description about this model.** **(3) In equation 3, what is the meaning of "S" and "I"? The description of equation 2 and equation 3 is too weak. I suggest the author improves this part.** **(4) In 3. RESULTS AND DISCUSSION, how can we get the conclusion "redgram, greengram has put up average to good growth" from table 2?** **(5) There are Fig. 1 ~ Fig. 3. But there is no description about Fig. 2 and Fig. 3.** **(6) In Fig. 1 ~ Fig. 3, there are deficit rainfall year and excess rainfall year. However, the author did not separate deficit rainfall year and excess rainfall year in Table 3. What is the relationship between Fig. 1 ~ Fig. 3 and Table 3? In addition, which is deficit/excess rainfall year in Table 3?** **(7) In Table 4, there are rainfall deviation thresholds for kharif pulses. However, the author did not describe how to identify these thresholds. Actually, it is the most important part in this manuscript. Please improve it.** **5. Okay.** **6. Yes**	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	Okay, with minor revision	
Optional/General comments	The format of tables and figures are not consistent. Please adjust it.	

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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