

### Review Form 3

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_124541
Title of the Manuscript:	<b>Assessing Water Balance Influenced by Conservation Measures for Sustainable High-Value Vegetable Cultivation: A Case Study of Battuvagu Watershed in Telangana</b>
Type of the Article	

#### **PART 1:** Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<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>
<b>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.</b>	Studies related to the influence of conservation measures in plant cultivation on water balance are very important for the scientific community to determine policies in sustainable water resource management. This article is actually very interesting, but studies related to these conservation measures are less in-depth. Likewise, studies related to groundwater exploitation, surface water which are the availability of water as an impact of conservation. Studies that inspire conservation measures in case study projects should be added, including studies that provide determination of the results of water needs analysis and water availability as listed in Table 1 and Table 2 of this article.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes	
<b>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.</b>	The abstract is not clear in describing the methodology, as well as the results of the analysis, and the conclusion is not clear in answering the study conducted, namely regarding the influence of conservation measures in vegetable cultivation for water balance assessment.	
<b>Are subsections and structure of the manuscript appropriate?</b>	The structure of the manuscript is appropriate, only the explanation in the subsections and the structure of the manuscript need to be corrected	
<b>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.</b>	This manuscript has scientific truth, namely that the right conservation steps will greatly affect the effectiveness of an optimal water balance, meaning not too excessive, but also not a deficit. Scientifically, this study is very necessary in the practice of sustainable agricultural development. Technically, it can also be applied, thus increasing water security and food security for areas vulnerable to climate change.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	References need to be added. As I mentioned earlier, what still needs to be explored is related to the steps of groundwater conservation and exploitation.	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language is suitable.	
<b>Optional/General</b> comments	The topic of the manuscript is very interesting, but it requires some in-depth study of the literature, and the analysis results need to be explained briefly in the analysis process, so that the manuscript does not seem a little confusing.	

**PART 2:**

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

**Reviewer Details:**

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