

### Review Form 1.7

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_118780
Title of the Manuscript:	EFFECTS OF WATER SCARCITY ON HOUSEHOLDS' LIVELIHOODS IN UKHRUL DISTRICT, MANIPUR, INDIA
Type of the Article	Original Research Article

#### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

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**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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. Studying the effects of water scarcity is important for the scientific community since it will provide good information how to reduce or minimize the impact of water scarcity to different areas where similar problem exists. The decision makers can use this manuscript as reference for the scarcity of water and its solutions to their community. The methodologies are also known and common, so, no new ideas are expected from this manuscript. But for that specific local community, it will provide good information for the decision makers to take measures.</li> <li>2. The title of the manuscript is not suitable for the work done for this manuscript and the title does not describe the objectives such as, <ul style="list-style-type: none"> <li>The following objectives are not included in the title <ul style="list-style-type: none"> <li>To identify the available water sources in the study area</li> <li>To examine the accessibility of the water sources and its procurement</li> <li>To identify the causes of water scarcity in the study area</li> <li>To determine the effect of water scarcity on the livelihoods of the people(the title only describes this objective only).I think it will be better to modify the title as the cause and effects of water shortage IN UKHRUL DISTRICT, MANIPUR, INDIA.This will describe the whole objectives</li> </ul> </li> </ul> </li> <li>3. The abstract of this article tried to include the methods and results of the paper but no conclusion. ex "The household pipeline in the study areas is not reliable because the water did not flow regularly and the respondents believed that available water is inadequate. Combined with the negative impacts of poor infrastructure and inadequate water resources, population rise, and climatic change, Ukhurul is on the verge of a water crisis. The insights underscore the importance of improving livelihoods in addressing the intricate problems posed by water scarcity while providing valuable data for developing strategies that support sustainable development. 'Here what could be the impact on the livelihood? What was your suggestions to improve? /Recommendations? So, the abstract did not give full and precise information</li> <li>4. The sections and subsections are appropriate in this manuscript.</li> <li>5. The manuscript is scientifically correct but it needs some modifications particularly in the methodology abstract and conclusion parts.the abstract is poor and needs modification, the methanoyl used is good but some methods are included with out any work for the result ex. Transect Walk, what did you do by this method? The result part did not show numerically the correlation between declining freshwater availability, shifting weather patterns, and changing climate conditions and water scarcity.only it is expressed in percentage?so it has to be modified and written figuratively .ex the main effect on economic aspects of the local community, what were the main reseans and the correlation with eachother has to be made by using statistically difference methods in SPSS such as LSD,CHI SQURE OR T TES , are not seen .</li> <li>6. References used in this article are Sufficient and recent. The only old reference is (Seckler et al., 1999).in the introduction part. Which has to be improved.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>The language /English Quality of this paper is suitable for scholarly communications. I don't have seen any language gap and grammatical errors in this article.</p>	

Commented [m1]:  
Commented [m2R1]: Old reference

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<p><b>Optional/General</b> comments</p>	<ul style="list-style-type: none"> <li>❖ The title of this article did not describe the whole objective.so it has to be modified as suggested above in each section. I f the title, abstract and methods of data analysis are corrected in such away that describes the whole work of this article it will have good contribution to the scientific community.</li> <li>❖ Define some technical word such as water scarcity and water shortage, water resources and water distribution systems have to be clearly identified and defined.</li> <li>❖ Abstract should include the main objective of this article, methods used and results obtained and concluding remarks, this article lacks this thing.</li> <li>❖ This article tries to incorporate the works of others as comparison and good to include those recent findings, however the similar result and different in the result is not clear for readers. What makes your result similar from other findings has to be reasoned out by supporting with literature.</li> <li>❖ The impact of climate was included as one factor for reducing livelihood in this article but I did not see any method to check the impact of climate on water availability and its impact on the livelihood, so it should be seen again. Also the impact of forest on the livelihood of that local community should be studied in detail.</li> <li>❖</li> <li>❖</li> </ul>	

**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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

Name:	Mulatu Kassa Gedamu
Department, University & Country	Woldia University, Ethiopia