

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_127779
Title of the Manuscript:	Morphometric Analysis of Olanthichira Watershed in Malappuram district, Kerala, using Geographic Information System
Type of the Article	Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <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. A minimum of 3-4 sentences may be required for this part.	This manuscript provides a comprehensive morphometric analysis of the Olanthichira watershed using GIS technology. The findings of this research are crucial for understanding the hydrological processes within the watershed, which can aid in sustainable water resource management, flood risk assessment, and land use planning. By analyzing the morphometric parameters, researchers and policymakers can gain valuable insights into the watershed's response to various environmental factors and make informed decisions for its future development and conservation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, this title of the article is suitable.	
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 of the article is comprehensive.	
Is the manuscript scientifically, correct? Please write here.	Yes, this manuscript is scientifically correct.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	A minimum of four to five recent references pertaining to comparable studies should be included.	

Review Form 3

<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Language quality in OK.</p>	
<p>Optional/General comments</p>	<p>NA.</p> <ol style="list-style-type: none"> 1. The author has not clarified the fact about why only SRTM DEM was used for the morphometric analysis and not any other DEM (<i>i.e.</i>, CARTOSAT DEM, ALOS PALSAR DEM and ASTER DEM). 2. The review of literature in the last paragraph of INTRODUCTION is poorly written. The author has elaborated the findings which is to be concluded in very short phrase. 3. In the location map as illustrated in Fig. 1, in the map of India the demarcation of State boundaries of Telangana and Andhra Pradesh and Union Territory of Jammu and Kashmir and Ladakh has not been done. The map needs revision after incorporation of correct state and union territory boundaries. 4. No need to keep 'Legend' word in all the maps. You should remove the Legend word from all the maps. 5. In the Fig.7, remove the <value> from the legend section. 6. In the Conclusion section, add 3-4 sentences about the 'how this study will beneficial to the policy makers'. 7. Please add recent references (at least 3-4) related to the morphometric analysis or suitable to your study. 	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (<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>)</p>
<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:

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