

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_94734
Title of the Manuscript:	Estimation of water balance components of Patapur Micro Watershed in the Tungabhadra River Basin using QSWAT Model in QGIS environment
Type of the 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>)

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	<p>Kindly rewrite your abstract and conclusion for better understanding and in depth study. Disregard general statement. Let it reflect your findings and cogent contribution to knowledge. This will enhance visibility of your work after publication.</p> <p>Validate this statement in your conclusion "The open-source geospatial techniques were utilized to create different thematic maps of study area influence land use, soil, drainage, and slope used as input for QSWAT model. QSWAT model proves as a powerful tool in simulating the hydrology at micro watershed scale"</p> <p>How reliable is your Meteorological and hydrological data?</p> <p>Why did you select Patapur micro watershed?</p> <p>Discussion of results, technical content and conclusion of this work need drastic improvement.</p> <p>All tables and figures must be referred to and discussed properly. Put references instead of "cited literatures". Improve on the discussion of your results.</p>	
Minor REVISION comments	<p>More recent references from 2019-2022 need to be cited.</p> <p>Is the data collected adequate? Please explain.</p> <p>Why did you adopt SWAT model and QSWAT hydrological model?</p>	
Optional/General comments	<p>Research like this requires recommendations for further studies. I discovered that there is no recommendation for your work.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

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