

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_129249
Title of the Manuscript:	Remote Sensing and GIS Based Approach to Estimate the Monthly and Seasonally Evapotranspiration (ET) For Kharif Maize Using Landsat 8 Data and the QWaterModel Plugin
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1reviewerhub.org/general-editorial-policy/>

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1reviewerhub.org/benefits-for-reviewers>

Review Form 3

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.	Identification of ET using geospatial technology is very crucial now a days for studying the crop water requirement as it shall be utilized for proper management of water resources.	
Is the title of the article suitable? (If not please suggest an alternative title)	It 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.	It is comprehensive but need little revision at end, where finding of the study is stated	
Is the manuscript scientifically, correct? Please write here.	yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No the reference are not recent and sufficient in introduction section.	
Is the language/English quality of the article suitable for scholarly communications?	No it need revision	
Optional/General comments	<ul style="list-style-type: none"> The Introduction section lacks references as many sentences didn't have proper citations and those which have are very old. Moreover, the Evapotranspiration is discussed but in general, it shall be discussed in context of maize crop also. The language used in Introduction Section need to be revised as it has grammatical mistakes and AI generated clauses which needs to be revised. The Study area section 2.1 lacks the absolute and relative location of the study area and the map need revision as the essential of maps ae not properly followed, title is missing, and scale is portrayed at wrong space. The MMRS need to be displayed in main data frame properly along with some major settlements or road and elevation or basemap for proper reference map. Table 1 citation is missing Table 2 shall be the part of Section 2.1 Section 2.4 need to be properly explained, as what steps are followed and what analysis were performed in proper language. Section 3 lacks the proper maps of Evapotranspiration which were developed based on the satellite imagery used. Section4 the conclusion is not properly explained as what the author wants to say nor any proper findings were obtained from the study. It generally illustrates that ET as less in early growth stage and increase as the crop grow and decline when it gets mature. This is a general understood fact what the author wants to study is not clearly explained. 	

PART 2:

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

Review Form 3

Reviewer Details:

Name:	Uzair Ahmed
Department, University & Country	Government of Khyber Pakhtunkhwa, Pakistan