

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_103419
Title of the Manuscript:	Actual Crop Evapotranspiration Estimation of Wheat Crop Using SEBAL Algorithm and Remotely Sensed Data.
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.journalcjast.com/index.php/CJAST/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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. A case good study but nothing particularly new</p> <p>2. Yes</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. As far as I can see</p> <p>6. Some references, e.g. Lou, B.S., Rajaji, U., Chen, S.M. and Chen, T.W., 2020. A simple sonochemical assisted synthesis of NiMoO₄/chitosan nanocomposite for electrochemical sensing of amlodipine in pharmaceutical and serum samples. <i>Ultrasonics sonochemistry</i>, 64, p.104827.</p> <p>Are not in the text.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Language is fine	
<p>Optional/General comments</p>	<p>1. Need a graph or something to illustrate the difference between the SEBAL ET and Penman, preferable a time series over one year</p> <p>2. Should equation 8 not have the day number (e.g. number of days from equinox) or similar?</p> <p>3. Equation 13 look identical to equation 12</p> <p>4. Why after calculating albedo do you use a fixed value</p> <p>5. Figure 1 should label which is max and which one is min. Either used a different colour scheme for each one or ensure that the same scale is used for both (at the moment dark brown on one map is 4.4 and in the other 1.6)</p> <p>6. How can actual ET be less than zero?</p> <p>7. Some minor typo's corrected in the attached.</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>	

Reviewer Details:

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