



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_24674
Title of the Manuscript:	Estimation of Regional Evapotranspiration based on Tri-Angle Method Using Thermal and VNIR Data.
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>The abstract is like introduction, it does not contain all the information about manuscript. Please revise it.</p> <p>Manuscript needs reorganization of results from different study in comparative way.</p> <p>Please include the study has been conducted for comparison between Penman-Monteith method/Meteorological method and few more remote sensing method needs to added.</p> <p>Please adding the description of latest references in introduction or in discussion section, for instance: Pankaj K. Pandey, Parmendra P. Dabral and Vanita Pandey, Evaluation of reference evapotranspiration methods for the northeastern region of India, International Soil and Water Conservation Research, http://dx.doi.org/10.1016/j.iswcr.2016.02.003</p> <p>Pandey, V., Pandey, P.K., Mahanta, A.P., 2014. Calibration and performance verification of Hargreaves Samani equation in a humid region. Irrig. Drain. 63, 659–667. http://dx.doi.org/10.1002/ird.1874.</p> <p>Discussions part is needed to improved</p>	<ul style="list-style-type: none"> - The abstract has been revised. - The 1st of the manuscripts based on explain the remote sensing triangle method and show its formation, advantages, dis advantages and limitations of it. Thus comparing the proposed approach results “remote sensing method” with traditional method “FAO Penman-Monteith method”. - The description of latest references have been added in the validation section.



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<u>Minor</u> REVISION comments	There are few grammatical issues, needs careful revision. References also needs to be checked as per journal guideline. Author also need to add highlight of research.	References have been modified according to per journal guideline and all required modifications have been done.
<u>Optional/General</u> comments	Overall it is good manuscript. However, theoretical aspects of the methodologies needs to be improved in the descriptions. It is preferable that along with this approach some recommended studies needs to reviewd in introduction that make finding more useful in comparison with FAO Penman-Monteith method/Meteorological method methods. It will make the article complete in itself.	