



SDI Review Form 1.6

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_43843
Title of the Manuscript:	Use of Satellite Remote Sensing for Rice Yield Estimation: A Case Study of Polonnaruwa District, Sri Lanka
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>)

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	Introduction: ➤ The references in the text are not correctly arranged (eg. 1, 2, 3 etc.). ➤ The main objective to validate the MODIS images-based rice yield estimation models proposed by Dammalage et al., (2017) is missing in the abstract. Study Area: ➤ It is always appropriate to state latitude 7° 56' and longitude 81°0' instead of the other way round Materials and methods: ➤ Describe the coordinate systems used in all of the images in the study and other attributes of Landsat 8 and modis. ➤ The climate and soil type of the study area should be a concern Reference: The reference part does not conform to the author's instruction, Please check and do the necessary corrections	Introduction: Both comments accepted and included in to the revised article Abstract is edited by including "Linear and exponential yield forecasting models developed for Kurunegala District by Dammalage et al., (2017) were validated and tested, based on NDVI and EVI2 (Enhanced Vegetation Index) vegetation indices obtained through MODIS surface reflectance images of Polonnaruwa District." Study Area: Comment accepted and revised accordingly Materials and methods: MODIS GCS_WGS_1984 WKID: 4326 Authority: EPSG Angular Unit: Degree (0.0174532925199433) Prime Meridian: Greenwich (0.0) Datum: D_WGS_1984 Spheroid: WGS_1984 Semimajor Axis: 6378137.0 Semiminor Axis: 6356752.314245179 Inverse Flattening: 298.257223563 LANDSAT 8 GCS_WGS_1984 WKID: 4326 Authority: EPSG Angular Unit: Degree (0.0174532925199433) Prime Meridian: Greenwich (0.0) Datum: D_WGS_1984 Spheroid: WGS_1984



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		Semimajor Axis: 6378137.0 Semiminor Axis: 6356752.314245179 Inverse Flattening: 298.257223563 Reference: Edited please.
<u>Minor</u> REVISION comments	Please read through and correct all the grammatical errors and punctuations.	Corrected
<u>Optional/General</u> comments	A very good research and suitable to be published in this journal if the above corrections are done	

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