

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_88802
Title of the Manuscript:	AREA ASSESSMENT FOR RICE CROP IN THIRUVARUR DISTRICT ASSIMILATING SENTINEL 1A SATELLITE 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:

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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	Table 3, Confusion Matrix, certainly is confusing. 50 results seem to be missing. Only 75 in Non-Rice category instead of 125. So can't trust the accuracy figures.	Mistakes while writing results part were carried out and corrected as per the confusion matrix drawn while experiment. Among the total ground truth points 70 per cent was Rice and 30 per cent was Non-rice used for the prediction of classified pixels to assess the accuracy.
Minor REVISION comments	The Type I and Type II errors should be noted using those terms. Good Accuracy? Meaningless statement. 8-10% error could mean difference between, say profit and bankruptcy. Better to compare accuracy to that of older, non-satellite-based techniques.	If Accuracy >80 per cent and Kappa Coefficient >0.75 means it indicated that Predicted classes from the actual classes could be matched higher level with lower error. So that we were used Good accuracy or higher accuracy as a State of classification.
Optional/General comments	Nice work.	Thank you for your valid comments and suggestion to betterment of the paper

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