

Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_84512
Title of the Manuscript:	Comparing Selected Machine Learning Algorithms in Land Use Land Cover Classification of Landsat 8 (OLI) imagery.
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.journalarjom.com/index.php/ARJOM/editorial-policy>)

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	1. RF, SVM, K-NN and GMM are compared for land use land cover classification in this manuscript. Could the authors include more recent machine learning models?	
Minor REVISION comments	1. In the title, "Selected" is redundant. 2. The organization of this manuscript should be added to the end of the introduction. 3. The type setting should be checked. 4. For NDBI, NDWI, NDVI, please include references, such as "DOI: 10.1080/01431169608948714", "DOI: 10.1016/j.jag.2021.102640"... 5. Figure 2-Figure 5 could be organized into one figure for a better comparison. 6. Some references missed the fundamental information, such as volume, number and page. Please check them very carefully. 7. A flow chart of this work is suggested.	
Optional/General comments	none	

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)	

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