

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_88707
Title of the Manuscript:	Decadal Changes In Land Use And Land Cover of Noyyal River Basin Using Geo-Spatial Techniques
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:

(<https://www.journalijecc.com/index.php/IJECC/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	This paper used NDVI and supervised classification methods to identify land use and land cover changes of Noyyal river basin during 2000–2020. However, several places need to be reconsidered. 1) The author (s) used a supervised classification method, but there was no more detail about the training and testing classes and the accuracy of the classification. It is very important to the land use and land cover change. 2) The author (s) should check the values of table 1. 3) The value of agriculture land area should be checked since it was beyond the total area of the study area in 3.5. 4) The urban area was increasing in 3.8, not decreasing. 5) 3.8, Here wasteland barren land and forest area and water bodies are decreased by 11.99%, 7.9% 12.24% and 0.14% respectively. There must be wrong with 7.9%.	
Minor REVISION comments	1) Papers of No. 3 and No. 12 are the same in literatures. 2) Paper No. 17 lacks the author information.	
Optional/General comments		

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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