

Review Form 1.7

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_97756
Title of the Manuscript:	Monitoring LC-LU by remote sensing and spatial information (study area: Tehran city)
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.journalajee.com/index.php/AJEE/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. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	1. The manuscript is good for local officials to draft urban policies for mitigation design. Although it is not clear in the manuscript about the annual transformation of different land cover. Like if water cover is reducing is it due to build-up expansion or climate change. Similarly, it is not clarified in the manuscript about the sudden decrement of build-up in 2021 and increment in Plant area and again sudden change in area in both the class in next year. Also, the author could have used Sentinel-2 for better spatial resolution and maps generation. (Refer comments in the script) 2. The title of the article can be "Monitoring Land Cover Changes in Tehran city over 5 years (2018 to 2022) using Remote Sensing based Spatial Information". 3. Abstract needs to redraft (Suggestion submitted as comments in manuscript). 4. Subsection needs to restructured. (Refer the comments in the script) 5. To make the manuscript sound scientifically correct major changes should be done with the addition of more insights specific to changes and fluctuation in land cover. 6. Few more refences can be included. (I have provided my detailed views and suggestions as in the form of comments in the Manuscript)	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The manuscript require major scrutiny and changes in from language/English point of view as many of the sentences is not communicating what author wants to convey. This also includes spelling errors in the script.	
Optional/General comments	Overall, the script should be considered for the through revision in terms of English and spell errors. In addition, author must also include the insights and causes of land cover changes and its annual fluctuations.	

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

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Reviewer Details:

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