

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_111388
Title of the Manuscript:	Remote Sensing and GIS application for Land use/Land cover Classification Accuracy Assessment in Jabalpur district, Madhya Pradesh
Type of the Article	Original Research Article

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. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>Yes, this technical assessment is need in contemporary Geo-tech environment</p> <p>Assessment of Classification and Accuracy of Land use/Land cover in Jabalpur district, Madhya Pradesh: An analysis by Remote Sensing and GIS Application</p> <p>Mention some statement about how much percent need for sustainable development of any land use cover region with some example of others.</p> <p>Yes, but need some improvement which are explained in the general section area</p> <p>Yes, maintain the sustainability of each unit of Land use cover area. Analysis is needed after focus on cause and effect to increase and decrease percent of land use type for each region.</p> <p>Yes, but need to add some recent research papers through which understand the accountability of each unit of land cover.</p> <ul style="list-style-type: none"> In figure no. 1 scale, north line, latitude and longitude are not given in India and Madhya Pradesh. One type of scale is need to use in all maps In figure no. 2, index is need to mention (FCC index) Sea green colour are missing to explain their character in index Add some important expressions (technical importance to analyse the LULC) See the Kappa symbol in conclusion part Mention some specific area name in each categories of LULC (Some water bodies, Forest cover's name etc.) 	<p>2. Suggestion incorporated highlighted in manuscript</p> <p>3. Suggestion incorporated highlighted in manuscript</p> <p>4. Answer will be at appropriate places.</p> <p>5. The objective of this study is accuracy assessment of Land use/land cover not the change detection study.</p> <p>6. Suggestion incorporated highlighted in manuscript</p> <ul style="list-style-type: none"> India and MP map is for reference only so scale and north arrow is not needed. It is representative satellite image so no need of legend. In FCC index is not required. Kappa coefficient symbol is correct. Suggestion incorporated and maintained this.
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Need to improve	Improved wherever necessary.
Optional/General comments	<p>Reasons and suggestion to maintain the area of Land use land cover of the Jabalpur region.</p> <p>Mention the importance of using this technical assessment</p>	In conclusion section this suggestion has been incorporated.

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	No ethical issue