

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_95578
Title of the Manuscript:	Assessment of land use -land cover change in Irga river catchment using object-based image classification technique
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>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. The manuscript describes the methods for LULC analysis in the river catchment area and hence very important for the governing bodies.</p> <p>2. Yes</p> <p>3. No.</p> <p>4. Yes</p> <p>5. Yes</p> <p>6. Yes</p> <p>The manuscript is well written with enough number of references. However, the authors can concentrate more on the explanation of Figure 2 and the OBIA method and how it is implemented here.</p> <p>Abstract:</p> <ol style="list-style-type: none"> Maintain uniformity in the tense used (present tense). Emphasize the novelty of the work in the abstract itself <p>Literature Survey:</p> <ol style="list-style-type: none"> Gaps in the literature survey and how it is handled in the present work should be presented. <p>Methodology: The</p> <ol style="list-style-type: none"> All the blocks in Figure 2 need to be explained. The author has mentioned OBIA without delving into the details of how it is used here. Feature extraction must be mentioned. <p>Results and Discussion:</p> <ol style="list-style-type: none"> Discussion of the results to be more detailed. <p>Conclusion:</p> <ol style="list-style-type: none"> Future work to be included. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>		

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

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