

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_111086</b>
Title of the Manuscript:	<b>ASSESSMENT OF LAND USE AND LAND COVER CHANGES IN MORSHI TALUK, AMRAVATI DISTRICT, MAHARASHTRA USING REMOTE SENSING DATA AND GIS TECHNIQUES</b>
Type of the Article	

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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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The manuscript is important as it contributes to the knowledge of land use land cover change analysis using remote sensing techniques.</p> <p>The title is suitable safe for too much description of the area of study. Suggestions includes mention of specific area of study and country. <b>1. ASSESSMENT OF LAND USE AND LAND COVER CHANGES USING REMOTE SENSING AND GIS TECHNIQUES. CASE OF MORSHI TALUK, INDIA.</b> <b>2. APPLICATION OF REMOTE SENSING AND GIS IN ASSESSING LAND USE LAND COVER CHANGES IN MORSHI TALUK, INDIA.</b></p> <p>The abstract is moderately comprehensive; the author can use the following extract to improve the abstract <i>(An abstract should not be misunderstood for an introduction. Conventionally, abstracts sequentially: (i) introduce the subject area for study; (ii) feature a brief background to the inquiry; (iii) illustrate the problem for study; (iv) state the theoretical and analytical framework used; (v) state the methods/ models/approach used; (v) highlight key results or findings, (vi) state key conclusions followed by implications, and recommendations.)</i></p> <p>The subsections are appropriate except for organization. The structure needs reorganization so as to make the flow easy to follow and the article to communicate to the readers seamlessly</p> <p>Yes, the manuscript is scientifically correct.</p> <p>The references are not sufficient. Many related works have been published in the last 5 years that is very informative for use by the author. The references also seem copy pasted unless otherwise proven.</p> <ol style="list-style-type: none"> <li>1. <a href="https://www.researchgate.net/publication/339982479_Assessment_of_Land_Use_and_Land_Cover_Change_Using_GIS_and_Remote_Sensing_A_Case_Study_of_Kieni_Central_Kenya">https://www.researchgate.net/publication/339982479_Assessment_of_Land_Use_and_Land_Cover_Change_Using_GIS_and_Remote_Sensing_A_Case_Study_of_Kieni_Central_Kenya</a></li> <li>2. <a href="https://www.ajol.info/index.php/sajg/article/view/231212/218384">https://www.ajol.info/index.php/sajg/article/view/231212/218384</a></li> <li>3. <a href="https://uonjournals.uonbi.ac.ke/ojs/index.php/ahr/article/download/1342/1199/">https://uonjournals.uonbi.ac.ke/ojs/index.php/ahr/article/download/1342/1199/</a></li> <li>4. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10490966/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10490966/</a></li> </ol>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>The study area description provides the latitudinal and longitudinal extents. It is important it is shown on the study area maps.</p> <p>Satellite imageries' 30m resolution must be specified as <b>spatial resolution</b>.</p> <p>Statement of objectives be done in the most proper manner starting with <b>*To*</b></p> <p>The first and second objectives are same can be merged and time frame or epochs defined.</p> <p>The general objective described in the introduction has not been fully achieved by the methodology provided or explained in the results section.</p> <p>The methodology does not flow properly as in the works cited from image pre-processing, classification and to change detection. The aspect of projection into the future has been omitted.</p> <p>Labelling of the maps and images and their sources is also something author need to look at.</p> <p>Author should be able to show cause of the LULC changes and provide remedy or recommendations to curb organic LULC changes. The conclusion section provides previous works when it should be explaining this particular work of the author.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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