



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Geographical Research</a>
Manuscript Number:	Ms_AJGR_45495
Title of the Manuscript:	Application of GIS and Remote sensing to analyze land use land cover change detection and vegetation dynamics using multi-temporal satellite images; the case of Mariamdehan kebele, Tigray region, Northern Ethiopia
Type of the Article	Original Research Papers

**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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<p><b>The research is good, commendable</b>  <b>Author can consider making the following underlined changes and comments</b>  <b>Line 19:</b> <u>The findings show that six main land</u>  <b>Line 41:</b> unplanned, leading often to inefficient  <b>Lines 12/14/19-20/36/42/44/through the document:</b> Be consistent in use of terms <u>land use/land cover</u>. In some cases it is given as <u>land use land cover</u>  <b>Line 88- 89:</b> ...Earth surface <u>remotely from space</u>, is now  <b>Study area Map:</b> can consider revising the way features are presented because it is not clear to which section (Ethiopian regions? Tigray region or Marydehan) the coordinates apply to, as well as the scale. The legend requires proper labeling to indicate what the figures represent and edit the term Marydehan_dem  <b>Line 137:</b> Difference Vegetation Index (NDVI) method <u>was</u> used,  <b>Line 140:</b> <u>Whereas</u> the values near  <b>Line 167:</b> Preprocessing <u>involves</u>  <b>Line 283:</b> as shown in the below-mentioned graphs than. Can you not instead just refer to the Figure number eg Figure 5 so <u>as to be precise to what particular graphs you are referring to</u>  <b>Line 286-7 (Graph A and B):</b> There are figure superimposed one on top of the other. You may want to sort that out to ensure clarity</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> 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)	

**Reviewer Details:**

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