

Review Form 3

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_126376
Title of the Manuscript:	Detection and Analysis of Land Use and Land Cover Dynamics in the Highlands of Northern Ethiopia
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The present study tried to prove the applications of Remote Sensing and GIS techniques like NDVI, change detection analysis will give useful information to understand the seasonal patterns of land use dynamics for decision makers for land management planning.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Sentence formation in first 4 lines of the abstract is very poor. It is not clear rather confusing whether the authors have studied the land use land cover dynamics for only two years 1998 and 2017 or for a period from 1998 to 2017.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The application of Remote Sensing temporal data of 1998 and 2017 and GIS techniques in the present is appropriate. The authors have applied NDVI technique and change detection analysis techniques for obtaining the land use land cover maps which is appreciated.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	All the references are recent and sufficient.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	In certain places within the article sentence formation is not so good, but expression of the point may taken into consideration. But one thing has to be mentioned, the authors continuously used the term "watershed" through the text. They have given the area selected for land use land cover study in the beginning itself, later they have shown watershed. Hence it was a bit confusing whether the authors have selected a watershed area for the present study or what? This confusion should be cleared before publishing the article.	
<u>Optional/General</u> comments	Figures are good. Formulas applied are sufficient. Maps delineated from the satellite image are appreciated.	

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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>	

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