



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_34321
Title of the Manuscript:	AN EVALUATION OF THE IMPACT OF LAND FRAGMENTATION AND AGRO-ECOLOGICAL ZONES ON FOOD SECURITY IN KENYA: THE CASE OF THE EMBU COUNTY
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:

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



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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)
Compulsory REVISION comments	The article "an evaluation of the impact of land fragmentation and agro-ecological zones on food security in kenya: the case of the embu county" addresses a relevant subject which is food security. The manuscript is well written, but my main concern is related to the method used. Hopefully my specific comment would help authors to improve the paper: 1)- The title doesn't sound. Use this title instead "Effects of land fragmentation on food security in three agro-ecological zones of Embu county in Kenya" 2)- Abstract: the second sentence need to be rephrased based on the Title suggested above. 3)- I suggest that you improve your perception of the food security concept by reading a recently published paper "Djebou, S D. C., Price, E., Kibriya, S., & Ahn, J. (2017). Comparative Analysis of Agricultural Assets, Incomes and Food Security of Rural Households in Ghana, Senegal and Liberia. <i>Agriculture</i>, 7(5), 38. 4)- You may need to provide a brief description of the agricultural potentialities in each AEZ. Note that the Embu county has water bodies (dam/lakes} at the south border, and it also share domains with Mount Kenya national park and Mwea reserve. All these are likely to interplay on food security. 5)- After reading the article suggested above, discuss the relevance of your analytical framework. 6)- The farm-size thresholds used in Sunflower Zone differ from the one in Cotton and Tea zones. I understand you tried to justify that but you probably need to be more convincing. You could have used a	1) The title is accepted for the article and found to be appropriate. 2) The second sentence in the abstract has been rephrased 3) I have read the published paper and I am grateful. The paper has improved my perception of food security concept. 4) The potentialities for each AEZ has been provided 5) After reading the article, Binary logit regression was used to determine the effect of land size on food security 6) After reading the article the Z-score was found to be appropriate and the land size was normalized and used as a continuous



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	normalization technic here. However, it may be fine to consolidate your choice with references (see article suggested above). 7)- The article is well written, the English writing reads well. I encourage the authors to perform the suggested revision.	variable in binary logit regression 7) I thank the reviewer for the invaluable improvements suggested.
<u>Minor</u> REVISION comments	N/A	
<u>Optional/General</u> comments	N/A	