

**Review Form 3**

Journal Name:	<a href="#">Journal of Geography, Environment and Earth Science International</a>
Manuscript Number:	Ms_JGEESI_129423
Title of the Manuscript:	Dynamics of Communicable and non-communicable Health Shocks in the Campo Ma'an National Park: Implications on Natural Resources Dependent Livelihoods
Type of the Article	

**General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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**PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	The describes how various environmental, socio-demographic, and environment factors affect diseases in the Campo Ma'an National Forest in Cameroon. The author uses primary data collection from interviews and surveys to assess which factors are associated with disease. It provides a description of environmental changes such as deforestation through maps to show how these increased the risk of disease.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	No. The title implies that the article will describe how health shocks have changed and how those health shocks consequently affect livelihoods. Instead, the article primarily describes changes in the conditions and factors that may exacerbate health conditions. That is, it focuses mainly on determinants of disease and does not provide sufficient information on the consequences.  In addition, the title highlights non-communicable diseases and health shocks, which are not critical features of the article's findings.	
<b>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.</b>	No. The article should cut back on the introduction and discussion, partiucally where is provides unnecessary background on diseases in the global context. It is also sometimes repetitive. The article would benefit from 1) framing the local context. E.g., Cameroon did not show up until page 3. 2) Describing the dynamic context of each of the factors that affect disease prevalence and the consequences of those diseases on how they may affect livelihoods. The result should also be more clearly organized along these framework. The conceptual framework in figure 2 only focuses on the determinants of disease but the article also present findings related to the consequences of diseases on the livelihoods of the residents. These consequences need to be incorporated into the framework. 3) The tables and figures are difficult to read and do not provide sufficient information that is relevant to the articles key findings. In particular, table 3 needs to be re-organized. Figure 4 is not particularly relevant. Figure 8 is too zoomed out to demonstrate that there has been substantial change in the forest cover. It also shows year by year changes. Instead, the figure should focus on specific areas and overall change during the time period covered. 4) The paper concludes that the changes in the region are not due to climate change. Although the deforestation and precipitation levels may exacerbate communicable disease, we cannot conclude that climate change is not a factor. 5) The logistic regression results are not sufficiently accompanied by statistical tests to show the validity of the specification used.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	No. -The logistic regression is not properly specified in the methods discussion. -The article relies primarily on primary data collection activities but those details are not sufficiently described in the manuscript. For example, there should be a description of key questions and a description about if the survey asked about disease prevalence and perceptions of drivers of disease. It is also not clear how the results are derived from the survey information. The article does not describe -The article also refers to cardiac arrest as a disease. Cardiac arrest is a consequence of heart disease.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Yes.	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	No. The paper needs substantial editing for proper capitalization, grammar and phrasing.	
<b>Optional/General</b> comments	Overall, the paper provides some important information on a less-studied region of the world. But it requires a more focused framing to set up of the results and more precision and organization in the write-up, tables, and figures. The paper provides unnecessary background on the global health context. That section could be abridged to prioritize a more organized description of the Cameroonian context, conceptual framework, and results.	

**PART 2:**

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

**Reviewer Details:**

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