



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_29056
Title of the Manuscript:	Maize production under climate change in a sub-Saharan African region
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	About the title: why sub-Saharan Africa region? The survey was not extended to all the Townships of DR-Congo but only the Township of Gandajika in the DR-Congo. I suggest the sub-Saharan African region should be change to Gandajika in the DR-Congo. In abstract, the objective of the study is not stated. In the third sentence, I suggest the sentence to be rewritten and the number of farmers interviewed and the location of the survey away from the INERA should be taken into consideration. In methodology, the data collected is not detailed. In Results, how the total area available for households is 1.34 ha? This should be the largest availability of cultivated land per household not for the households in the area of study. How did you come about this: 94% reported at the national level because your survey was only in Gandajika region? Are sure that all other agronomical practices have been observed by farmers before you attribute the decline in maize yield to climate change? What happened to yields from 2004 to 2015? In discussion, replace "phenolocical" by "phenological" In references, 30. Lufuluabo et al. , replace "plan t"	We have adjusted the title Abstract: We have adjusted the sentence by providing the number of farmers interviewed and the location of the survey. Methodology: We have listed the collected data. Results: We have corrected households to household. - The 94% at the national level is based on a previous survey at the national level By PANA national project. - Over the years, the agronomic practices in Gandajika have not changed significantly: the same varieties have been used for more than 20 years; farmers still do not use fertilizers at large scale. The changes are likely the effects of climate variation. - Discussion: We have clarified the last sentence.



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	by “plant” In the last part of your discussion, two contradicting suggestions are given to farmers about the sowing date. In this context, are the farmers not confused? What is your advice to them? And this should be stated here .	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		