



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_6165
Title of the Manuscript:	Climate Change and Its Impact on Food Security: A Study on South-west Coastal Region of Bangladesh
Type of the Article	Research Paper

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.

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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	In the M&M abstract it is mentioned that the survey was taken in 2010. When was done the one about "7 years ago"? Rows 36-37 please rewrite clearer. Please specify the ACRONIM meaning at their first mention. Check row 77 "there" seems inappropriate. Please clarify what "upazila", "parishad", "katha" are. Rows 78-80 a Figure/map would help. Row 87 a Table with questions should be inserted. Row 88 please specify which statistics were used other than the software. Why in Table 1 were not reported mean and SD for Occupation status? Authors mention a date of survey as "present" please change all over as into "in 2010" Rows 134, 143, 155, 191, etc. change table in Table. It is not clear how Table 10 come out. Please clarify. Authors stated: "Salinity intrusion and river erosion, cyclone, 295 floods, tidal surge, and heavy rainfall have been causing significant declining impact on the food production of the 296 study area". <u>Which are the evidence?</u> From the M&M they run a survey in 2010 and perhaps one in 2003, how can they found the effects of all that disasters?	Abstract is revised according to reviewer's comments. The study was conducted in 2010 based on questionnaire, in which people were asked about status of 2010 and 2003 to compare the positive or negative change in society, income, expenditure, education, food production and so on. Upazila is the sub-district, union parishad is unit of upazila, and Katha is measuring unit of land for example; 60.61 Katha = 1 Acre. Row 88 in Methodology has specified as statistics used. Table 10 come out based on survey, the vulnerability context is identified based on questionnaire. Vulnerability contexts of the study are assessed as a percentage of population affected by the problem. Former study and people's opinion have revealed that salinity, river bank erosion, cyclone, flood, tidal surge and heavy rainfall etc exerts a detrimental impact on food production. As this is a survey study, people's opinions were taken into consideration in this regard. Survey was conducted in 2010. Interviewees were asked about the situation of 2003 and 2010. All data were taken from participants remarks.
Minor REVISION comments		



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<u>Optional/General</u> comments	Although the paper is an interesting piece of research there is a lack of statistic description and even if it is based on the differences between 2003 and 2010, was never mentioned a survey in 2003. Did a survey take place in 2003? <u>The doubt is that during 2010 survey was asked also about 7 years earlier.</u> Is it like this? The survey was an interview; during this sort of interviews it is useful to put similar questions to test the answer consistence. Sometimes people are used to remember the past in a different mode, especially after catastrophes.. It is essential to know the questions. A table reporting the questioner is a must.	Actually no survey was carried out in 2003, rather in 2010 households were asked about the status of 2003 and 2010. Results were summarized based on questionnaire findings.
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