



**SDI Review Form 1.6**

**PART 1:**

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| Journal Name:            | <b><u>British Journal of Applied Science &amp; Technology</u></b>     |
| Manuscript Number:       | <b>2013_BJAST_4402</b>                                                |
| Title of the Manuscript: | <b>Farm Households Coping Strategies to Climate Change (A Review)</b> |
| Type of the Article      | <b>Review</b>                                                         |

**General guideline for Peer Review process is available in this link:**

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2:** 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b><u>Compulsory</u></b> REVISION comments | <p>The paper gives a detailed review of coping strategies to climate change used by different communities across African smallholder systems. However, the language of paper could be revised to convey the messages putting more emphasis in deletion and omission of phrases e.g. "owing to the above mentioned facts.." Line 73. The paper "thus brings to light.." line 76. Some of the typographical errors might have been attended to had the authors taken time to revise their manuscript before submission. More specifically:</p> <ul style="list-style-type: none"> <li>• It is not clear why the authors imply that if coping strategies are identified, poverty will be reduced. How is this meant to be achieved? Lines 73-76</li> <li>• The authors suggest poor people have "poor" relatives lines 140-142. Sometimes these poor people often 'shy-away' from networks involving financial resources, but would be found active enough in other networks. A reference would thus be necessary here.</li> <li>• The majority of case studies presented lack empirical data, thus I would find it difficult to be convinced that a strategy works or has been adopted e.g. lines 162-164.</li> <li>• The term "adoption" is loosely presented throughout the manuscript. e.g. lines 312-314; lines 316-317; lines 324-325; line 328 . Some of the strategies employed were short-term, until</li> </ul> | <ul style="list-style-type: none"> <li>• Some of the strategies have negative consequences on the households, increasing their poverty levels. Thus, if identified, farm households could be informed about the repercussion of using those strategies and enlightened about less detrimental strategies or those without negative consequence which if used could help stabilise if not reduce their poverty level.</li> <li>• Reference have been given</li> <li>• Empirical data have now been provided in form of Tables and figures. But in the case of Ghana the author of the paper which I reviewed did not provide any empirical data so this has not been provided.</li> <li>• This is not a published work so it has been deleted from the paper because as given under the SDI template, only published or accepted papers should be used.</li> </ul> |



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|  | <p>things returned to normal, a better term in this case would be “adaptive or even coping strategy”. Adoption has a sustainability component across temporal scales and this is not reflected.</p> <ul style="list-style-type: none"> <li>• Some of the data presented could be best presented as a figure to enhance clarity to the reader and minimize the word “respectively” e.g. lines 186 to 191</li> <li>• The referencing not given due attention. E.g. ref 28 is listed a study from Tanzania, but within the manuscript, it talks about some work in Ethiopia. The Ghana, Kenya, Mozambique, Zimbabwe etc. Case studies are erroneously referred to. The ref list goes up to No. 34, but in the text, the last reference is given as No. 36??</li> </ul> | <ul style="list-style-type: none"> <li>• Figures and Tables have been used for presentation.</li> <li>• It was a mix up but it has been taken care of.</li> </ul> |
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|  | <ul style="list-style-type: none"> <li>• Lines 151-152 could be rephrased to read e.g. "...strategy during those hard times where often different strategies are taken to minimize their positive survival."</li> <li>• Line 152 – could read "Some of these coping strategies include taking advantage of a diversified resource base..."</li> <li>• Line 154 – replace "... crop varieties and species" with "...crop types and varieties"</li> <li>• Line 157 – the word "exchange" sounds too hollow to imply a coping strategy, I suggest replacement.</li> <li>• Line 159 – insert "increased natural" between the words "and" and "resource management" to read "...increased natural resource management"</li> <li>• Line 160 – Delete the phrase "It is important to note that.." with "However,..."</li> <li>• Line 161 – delete "a" and also insert "s" on the word "repercussion" for the part sentence to read "... have negative repercussions on..."</li> <li>• Line 184 – could be edited to read "(24) reported that ...", delete "in their study"</li> <li>• Line 185 – insert "s" on the word "meal" - TWICE</li> <li>• Line 186 – insert the word "dishes" between "meal" and "as" to read "... diversity of meal dishes as..."</li> <li>• Line 193-194 – delete "In the focus discussion group, the.." and start sentence with "Coping strategies to..."</li> <li>• Line 194 –195 - delete "were discussed to read "...climate-related hazards raised included food for work, credit..."</li> <li>• Line 235- could read "...to cope with erratic rains associated with climate variability, farmers plant..."</li> <li>• Lines 245-247 could read "In crop production, use of early maturing crop varieties in rice and maize, and planting drought tolerant varieties for other crops, were some of the coping strategies highlighted".</li> </ul> | <p>”</p> <p>”</p> <p>”</p> <p>This somebody’s statement (23) so I do not think is wise I change the word.</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> <p>”</p> |
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|  | <ul style="list-style-type: none"> <li>• Line 249 – delete “s” from the word “moisture”.</li> <li>• Line 257 – replace the word “wouldn’t” with “would not”</li> <li>• Line 299 could read “...temporary wells are dug”</li> <li>• Line 302 – delete “coming down to our country” and just start sentence with “In Nigeria...”</li> <li>• Line 303 – Start sentence with “Studies by (34) in Ondo State” but ensure it was 34 who worked in Ondo State.</li> <li>• Line 306 – replace the word “delay” with “delayed”</li> <li>• Line 310. – start sentence with “Work by (35) on ‘Assessing...”</li> <li>• Line 313 – “the most devastating drought” needs referencing – what year?</li> <li>• Line 318 – NGOs and CBOs need expansion at first mention</li> <li>• Line 320 – Insert the work “where” to read “... Zangon Buhari where in the past,...”</li> <li>• Line 322 and line 328 – again the most recent devastating drought” needs referencing – what year? What is recent?</li> <li>• Line 328 – needs rephrasing, not clear “... as they began to adopted some coping strategies???”</li> <li>• Line 341 – delete “s” from the word “change”</li> <li>• Lines 343-345 – could read “Some strategies are based on short-term considerations, survival needs, lack of information or foresight, and these may impact negatively on the environment, thereby reducing future adaptive capacity”</li> <li>• Line 349 – replace the word “will” with “would”</li> <li>• Line 349 – delete “s” from resources and insert the word “pool” after resource to read ...”natural resource pool..”</li> <li>• Line 359 – replace the word “conditions” with</li> </ul> | <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>Not a published work, thus deleted.</p> <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>„</p> <p>Correction effected</p> <p>„</p> <p>„</p> <p>„</p> |
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|                                            | "environment"                                                                                                                                                      |                                                                                                                                                                 |
| <b><u>Optional/General</u></b><br>comments | <b>Some of the data presented could be best presented as a figure to enhance clarity to the reader and minimize the word "respectively" e.g. lines 186 to 191,</b> | Thank you very much for your very useful comments. They have been very helpful in shaping and giving more light to the paper. I have proved Figures and Tables. |