



**SDI Review Form 1.6**

|                          |  |
|--------------------------|--|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>                                  |
| Manuscript Number:       | Ms_IJECC_51251   |
| Title of the Manuscript: | Impact of Climate Change on Production of Major Food and Commercial Crops of India: a five decadal study |
| 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/sdi-general-editorial-policy>)



**SDI Review Form 1.6**

**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) |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments | <p>The manuscript is an interesting one but I have the following suggestions for consideration:<br/>The major findings of this study is conspicuously missing in this section. What happened to climate change after 1960-61 as you have stated here? You will need to give some salient findings from this study here. Also you need to succinctly give a summary of the study including the method of data analysis, sampling procedures among others<br/>In the introduction section, generally, author(s) needs to critically identify gap(s) in knowledge concerning the subject matter and how this study is set to fill the gap(s).</p> <p>Line 24, you may need to change the first word "Agriculture" to "Agricultural". You may need to present a concise introduction to burning issues in this study and their linkages, I mean you need to discuss briefly about climate change generally and narrow it down to present situation in India and its link to production of staple and commercial crops in India with recent and relevant empirical studies to back it up. In Line 53; .....was carried out to... You may present it like this; "carried out to investigate the impacts of climate change...."</p> <p>In Materials and Methods: Statement in Line 57-60, you need to support it with reference(s). You may need to include the map of the study area. You also need to provide information on sampling procedure as you have included that you used secondary data. Give brief description and how you were able to get the sample for this study (data collection criteria).</p> <p>In your equation in Line 73, the figures 1,2,3 are supposed to be in subscript (<math>B_1X_1</math>)<br/>In Line 116, delete "crop". In Table 1, line 131 &amp; 145, provide headings for the first columns of the two tables (Variable). Your intercept (constant) should be the first variable in that variable list.</p> <p>The regression analysis was not presented in a conventional way, in tables 1 &amp; 2 there was no column for T-values. Also, in the variable column, F-Stat, and levels of significance must be indicated (1%, 5% and 10%) for each of the crop. Use <math>R^2</math>, delete "model"</p> <p>In your discussion of your results, you need to compare the results of your findings with other empirical studies in the literature either to support your own findings or refute it. Also, you need to discuss major food and commercial crops in relation to the results and link it with previous empirical studies.</p> <p>Your conclusion and recommendations are too lengthy, you need to reduce it.</p> | <p>Done</p> <p>Done</p> <p>Done</p> <p>Done<br/>Already stated</p> <p>Done</p> <p>Done</p> <p>Done</p> <p>Done<br/>Done</p> <p>Done as far as possible</p>                    |
| <b>Minor</b> REVISION comments      | The title could be modified as "Impact of Climate Change on the Production of Major Food and Commercial Crops in India: A five Decadal Study"   | The suggestions have been included  |
| <b>Optional/General</b> comments    | Nil   |   |



**PART 2:**

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