|  |  |
| --- | --- |
|  | |
| Journal Name: | [**International Journal of Environment and Climate Change**](https://journalijecc.com/index.php/IJECC) |
| Manuscript Number: | **Ms\_IJECC\_142218** |
| Title of the Manuscript: | **Perceptions and Awareness of Climate Change Realities in Agriculture Among Farmers in Tamil Nadu, India** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **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.** | * **The manuscript revealed key indicators of climate change that affect agricultural productivity and food security adversely.** * **It emphasised the huge financial losses that farmers may incur if there is a gap in the implementation of effective strategies towards the mitigation of climate change effects on agriculture.** * **The manuscript also elaborated on the socioeconomic implications of climate change with reference to increased poverty levels.** * **It also emphasised the strategies that could be adopted for building resilient agricultural**   **Practices for maximum production including the crop diversification and crop varieties.** | Thank you so much for your valuable words and comments. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article is suitable.** |  |
| 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. | **The abstract of the article is is comprehensive. The number of keywords seems overbearing. It should conform to the standard of the Journal.** | The number of keywords has been reduced to meet the journal’s standard. |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically correct. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The reference is sufficient and recent. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The quality of the English language is suitable for publication. |  |
| Optional/General comments | * **The tables have no sources.** * **The paper should refer to, and discuss about the sustainable Development Goals**   **no 2 .4 with focus on sustainable food production systems and resilient agricultural practices implementation, as well as SDG 13 which aims at combating climate action and its impact on agriculture.**   * **By having a recourse to the farmers and policy makers, the author should explain how the adoption of the interconnectedness of the two goals highlighted above, in conjunction with the climate – smart agriculture ( CSA) theory can work together as a holistic approach to build a more sustainable and climate resilient - agricultural sector in the study area . Doing so will be a form of contribution to knowledge.** | Sources have been added to all tables, and the Conclusion now links SDG 2.4 and SDG 13 with the CSA framework, explaining their integrated role in building a sustainable, climate-resilient agricultural sector. |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |