

# Review of: "A Study for Estimation of Greenhouse Gas Emissions of Cotton in Central Greece"

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**Potential competing interests:** No potential competing interests to declare.

Dear Editor,

I am pleased to read the manuscript entitled "**A Study for Estimation of Greenhouse Gas Emissions of Cotton in Central Greece**". The topic is very interesting, and the approach used is justified in the literature. The paper is well written. In my opinion, it also represents an unexplored, interesting topic to be investigated. This paper is well presented and can be accepted after addressing these major recommendations.

1. In order to establish the significance and value of the study, it is necessary to provide a comprehensive rationale for the research, which emphasizes its relevance and unique contributions to the current scholarly discourse. This will strengthen the study's originality and scholarly impact. Following are useful suggested studies to get the benefit to update this part: <https://doi.org/10.1007/s11356-022-19718-6> ; <https://doi.org/10.3390/su14031054> ; <https://doi.org/10.1007/s11356-021-17438-x> ; <https://doi.org/10.1108/LHT-03-2021-0113> ; <https://doi.org/10.1016/j.resourpol.2022.102730> ; <https://doi.org/10.1007/s11356-022-19628-7> ; <https://doi.org/10.1007/s11356-022-21929-w> ; <https://doi.org/10.1177/21582440211061554>
2. I suggest authors to improve the abstract, because it is presented poorly (Key aim-methods-findings-policy suggestion).
3. I suggest the authors improve the Introduction section by adding one paragraph "methodological choices and why this method is used". In addition, also add flow chart of methodology.
4. English check/editing: I found major typos/ grammatical, this study was presented with depraved English language usage.
5. Recheck throughout the paper and ensure that all abbreviations are defined the first time they are used.
6. The paper clearly lacks the sense of paragraphing; some paragraphs are too shorting and consist of only few lines. Kindly rearrange your paragraphs and provide arguments about one main theme in each paragraph.
7. The Results and described with reference to the references of the parameters that influence the results of the research will make it more original. The purpose of the study and the reasons clearly set forth.
8. Please increase the pixel size of all Figures.
9. The policy perspectives are inadequate. I recommend the authors to re-write the policy suggestions systematically and separately for developing and developed countries. Besides, it would also be useful if the authors could also suggest policies for oil importing and oil exporting nations respectively. Similarly, specific policies for fossil fuel dependent and

renewable energy dependent nations can be provided

10. Also, please consistent in data sources of all Tables. It should be in proper referenced shape.
11. The conclusion is sufficiently discussed with some useful policy implications. However, limitations and future directions of research should have a reasonably sized paragraph instead of just a few lines written half-heartedly at the end of the conclusion.
12. Follow the right style of citation throughout the manuscript by checking the guidelines of journal or any previously published paper in the journal.