

# 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.

After thoroughly reviewing the research paper titled: "A Study for Estimation of Greenhouse Gas Emissions of Cotton in Central Greece." Overall, the manuscript is interesting. This article is a particularly good contribution to understanding the impact of agricultural activities on greenhouse gases. Below, I make some points for the improvement this article.

1. The author should revise your abstract to include the main findings, objectives, and potential implications of the study.
2. What is the relationship between the application of water via irrigation and the release of nitrogenous compounds into the atmosphere?
3. Improve the identification of meteorological variables in Table 1
4. You should provide the map with the geographical co-ordinates of your study sites and crop production location.
5. What causes exist for the greater use of fertilizers in the ELATIA area? The author should provide more supporting information for them.
6. I would recommend analyzing the effectiveness of the use of fertilizers based on the characteristics of the soil, the plantations under treatment and the geographical conditions of each case under analysis.
7. In the Pesticide Application subtopic, it is recommended to insert the scientific name of the pest, in order to make identification clearer.
8. I recommend the author should add more literature review in the discussion section.
9. It is not appropriate to present results from other studies in the conclusions section.