

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.

The present study estimates the extent of Greenhouse Gas Emissions of Cotton fields located in Central Greece. The author employed an online GHG calculator by Cool farm tool (<https://coolfarmtool.org/>). Although many online tools are available for GHG emission calculations in terms of kg CO₂e, the validation of the results is often difficult. So, is the case with present study. Validation of the results is required either by using different calculators or by estimating the equivalent factors locally using the local conditions.

Also, the equivalent factors used by this online tool are not given in the manuscript. I suggest to add them so that the validation becomes easier.

Table 7 indicating the correlations of various parameters with total emission is needed to be explained with more details as the description seems insufficient.

Once GHG emissions are calculated, evaluation of global warming potentials (GWP) is next step, so I suggest evaluation of GWP.

The study is important considering the the effects of global warming on the natural processes.