

Review of: "Exploring the Link between Climate Change and Farming in Rural and Peri-Urban Communities in Sierra Leone"

Angeline C Mujeyi

Potential competing interests: No potential competing interests to declare.

Abstract

Authors should specify the objectives in the summary rather than listing the research questions (ideal in the main body of the manuscript), e.g., This study examined the impact of climate change on agricultural productivity and identified coping strategies employed by farmers in the study area between 2014 and 2023. The research aimed to inform adaptation strategies enhancing agricultural resilience.

On data collection methods, specify that it was a cross-sectional survey of 315..... Instead of respondents, specify farmers, and so on.

On data analysis, the interest is not in the software (Statistical Package for the Social Sciences, version 26 (SPSS)) but rather in specifying the data analysis models used, e.g., regression, frequencies, ANOVA tests, etc.

On Findings, yield increased from what Kg/ha to what? Specify this.

Provide key recommendations based on findings for the objectives.

These research questions are not really addressing the topic. Discussion on these can just be covered in the description of the study area to give a background. { What are the main types of crops grown in the selected communities in the four regions? What are the main types of farm animals reared in the study areas? In which agro-ecologies are these crops grown and animals reared?} For example:

1. How do climatic parameters (temperature, rainfall, humidity, wind patterns) impact agricultural productivity, crop yields, and livestock health in rural and peri-urban communities in Sierra Leone?
2. What are the perceived effects of climate change on farming practices, food security, and livelihood outcomes among rural and peri-urban farmers in Sierra Leone?
3. What adaptive strategies and coping mechanisms are employed by rural and peri-urban farmers in Sierra Leone to mitigate the impacts of climate change on their agricultural activities?

Findings need thus to be aligned once you revise the research questions.



You need inferential and descriptive statistics given that you collected data from such a big sample. Kindly utilise it. Run some regressions on yields, etc.