

REVIEWER'S REPORT

Manuscript No.: **IJAR-52217**

Date: June 12, 2025

Title: Impact of Climate Change on farmers Physical and mental well-being: An investigation from Rajshahi District in Bangladesh

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		X		
Techn. Quality		X		
Clarity			X	
Significance			X	

Reviewer Name: Dr Lakhdar Guerine

Date: June 12, 2025

Detailed Reviewer's Report

The study investigates the impacts of climate change on the physical and mental health of farmers in the Rajshahi District, Bangladesh. It uses a sample of 350 participants selected through simple random sampling. Through statistical analyses (Chi-square tests and logistic regression), the study identifies significant associations between climate factors (temperature, rainfall, and drought) and health problems (heat stress, respiratory issues, waterborne diseases, anxiety, and depression). The findings suggest climate change has a clear negative effect on farmers' health and call for integrating adaptation strategies into public health policies.

Strengths

- Timely topic: The link between climate change and mental/physical health is highly relevant and under-researched.
- Clear methodology: Sampling method and sample size are well justified.
- Robust statistical analysis: Use of Chi-square and logistic regression tests with detailed and significant results.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

- Policy relevance: The results have direct implications for agricultural and health policy planning.

Weaknesses

- Language and writing quality: The English is often flawed, with many grammatical errors that make parts of the text difficult to read.
- Structure could be improved: Some sections lack clear transitions (e.g., between results and discussion).
- Limited theoretical contribution: The conceptual framework is weak; findings are largely descriptive.
- Redundancy: Some information is unnecessarily repeated, which affects readability.
- Lack of critical engagement with literature: While references are numerous, they are not sufficiently discussed or critically analyzed.

Recommendation: Major Revision

The scientific content is relevant, and the results are solid. However, the manuscript requires substantial improvements in language, better structural coherence, and a stronger theoretical discussion before it can be considered for publication.