### **Peer Review Report**

## **Review Report on The health and health insurance implications of climate change in sub-Saharan Africa: A narrative review** Review, Public Health Rev

Reviewer: Pratik Shingru, MD MPH Submitted on: 27 May 2024 Article DOI: 10.3389/phrs.2024.1607212

#### **EVALUATION**

Q1 Please summarize the main theme of the review.

The article offers a thorough analysis of how health and climate change are related in Sub-Saharan Africa (SSA), with special attention to how these relationships may affect health insurance programs.

Q 2 Please highlight the limitations and strengths.

Strengths:

Review in Detail: This article provides a detailed analysis of how climate change is affecting health in Sub-Saharan Africa (SSA) and how this may affect health insurance policies.

Clear Structure: The methodology, findings, and discussion are presented in a way that improves readability and comprehension.

Use of Visual Aids: Key themes and procedures are successfully illustrated with the use of figures and graphs. Relevant References: The paper firmly establishes the claims it makes using up-to-date, pertinent scientific data.

Limitations:

Detailed Approaches Description: The techniques section might be strengthened by including more information about the search timeframe and any potential biases or limits.

Case Studies: Adding concrete illustrations or case studies of effective adaptation and mitigation tactics in SSA would enhance the conversation with useful takeaways.

More specific policy proposals for SSA's governments and health insurance companies would be beneficial for the article.

Extension of Economic Repercussions: A more complete picture might be obtained by delving deeper into the financial effects of health issues related to climate change on insurance markets and overall economic stability in Sub-Saharan Africa.

# Q 3 Please provide your detailed review report to the authors, structured in major and minor comments.

#### Major Comments:

Search details do not mention the time frames of the study. This creates a bias of time as the studies might be current or too old. Need more information about the study timeframes and details about the exact details taken from papers.

Minor comments:

The discussion on the challenges faced by health insurance systems, such as cost containment and risk assessment, is particularly insightful. However, the section could benefit from a deeper exploration of specific case studies or examples of successful adaptation strategies in SSA.

PLEASE CO	DMMENT
Q 4	Does the reference list cover the relevant literature adequately and in an unbiased manner?
Yes the re	ference list covers the relevant literature in unbiased manner.
Q 5 Reviews	Does this manuscript refer only to published data? (unpublished data is not allowed for )
Yes.	
Q 6	Does the manuscript cover the issue in an objective and analytical manner
Yes.	
Q 7	Was a review on the issue published in the past 12 months?
Yes.	
Q 8	Does the review have international or global implications?
Review de	finitely has International Implications in other developing countries
Q 9	Is the title appropriate, concise, attractive?
Yes but so would be	omething like "Climate Change and Health in Sub-Saharan Africa: Unveiling Insurance Challenges" perfect!
Q 10	Are the keywords appropriate?
Yes	
Q 11	Is the English language of sufficient quality?
Yes	
Q 12	Is the quality of the figures and tables satisfactory?
No answe	r given.
QUALITY A	ASSESSMENT
Q 13	Quality of generalization and summary
Q 14	Significance to the field
Q 15	Interest to a general audience

Q 16 Quality of the writing

**REVISION LEVEL** 

**Q 17** Please take a decision based on your comments:

Major revisions.