

REVIEWER'S REPORT

Manuscript No.: IJAR-58496

Title: Climate-Related Water Unavailability Risk in the Poro Region, CÔTE D'IVOIRE: Impact Chain and Indicators

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's ID: JPR-171

Detailed Reviewer's Report

Overall Assessment

This manuscript presents a well-conceptualized framework for assessing climate-related water unavailability risk in northern Côte d'Ivoire. The methodological distinction between the conceptual impact chain and the separate indicator framework is a significant strength, as is the participatory expert workshop approach. However, the manuscript requires major revision. The most critical limitation is that the study stops at framework construction without demonstrating its application no data are assembled, no indicators are calculated, and no validation is performed. This substantially reduces the scientific contribution. The authors should either present a pilot application with available data or clearly frame this as a methodological proposal paper. Additionally, the expert workshop methodology lacks detail regarding participant numbers, disciplinary representation, and consensus procedures. The extensive indicator list (36 indicators) risks redundancy; the authors should justify each indicator's unique contribution and discuss potential multicollinearity. The manuscript is overly long and could be condensed by reducing repetition across sections. Language editing is required for clarity. With these revisions, the framework will provide a valuable tool for water risk assessment in Sudanian territories.