

REVIEWER'S REPORT

Manuscript No.: IJAR-56384

Title: Inundation risks and habitat vulnerability in the commune of Kolleram, Zinder's Region-Niger

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. Hari Prashad Joshi

Detailed Reviewer's Report

This manuscript presents a valuable interdisciplinary study on flood risk and habitat vulnerability in Kolleram, Niger, combining social surveys, rainfall analysis, topographical assessment, and geotechnical characterization of construction materials. However, major revisions are required before acceptance. The most significant concern is the disorganization of the methodology and results sections—the experimental methods are fragmented, with sampling descriptions split across multiple subsections and inconsistent sample numbers reported (ten samples for chemical analysis versus six for geotechnical tests, creating confusion). The chemical analysis tables lack proper formatting and show discrepancies in totals and standard deviation placement. The Atterberg limit results are presented in poorly structured tables without clear sample identification. The discussion section, while informative, largely repeats results rather than providing critical interpretation or connecting findings to the broader literature on Sahelian flood vulnerability. Additionally, several figures are referenced but not described in the text, and the manuscript would benefit from clearer integration of the geotechnical findings with the flood risk assessment. The English requires substantial editing for grammar and scientific clarity throughout. Despite these shortcomings, the study's interdisciplinary approach and practical implications for flood-prone communities are commendable. A major revision addressing structural organization, data presentation consistency, and deeper analytical discussion is necessary before reconsideration.