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REVIEWER'S REPORT

Manuscript No.: IJAR-57302

Title: DESIGN METHODOLOGY FOR GREEN POULTRY HOUSES IN THE SAHELIAN ZONE

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

This paper presents a well-structured methodology for designing green poultry houses in the Sahelian zone using FAHP and TOPSIS. The topic is timely and relevant, and the multi-criteria approach is appropriately applied. However, several issues require minor revision. First, the manuscript contains numerous grammatical and typographical errors (e.g., "Sahelian" misspelled, inconsistent capitalisation, missing spaces). A thorough language edit is needed. Second, Table 2 (criteria and sub-criteria) is incomplete in the provided file; the full table must be included. Third, the case study (Section B) describes a specific poultry house but does not show how the design criteria were actually applied or validated against the weighted results – this connection should be clarified. Fourth, Figure 1 (methodology diagram) is referenced but not visible. Fifth, the conclusion would benefit from a brief summary of practical design recommendations derived from the weights (e.g., prioritise health/safety, building orientation, and initial investment). Finally, references need formatting consistency (e.g., journal names, missing page ranges). With these improvements, the paper will offer a useful decision-support tool for practitioners in tropical poultry housing.