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REVIEWER'S REPORT

Manuscript No.:IJAR-51496

Date: May 09, 2025

Title:Socio Demographic Determinants and Community Engagement in Livelihood Coping Mechanisms during Drought: A Case Study of Daynile District, Somalia.

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: Lakhdar Guerine

Date: May 09, 2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

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Detailed Reviewer's Report

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Line 6: is
Line 11: cross sectional
Line 12: adoption
Line 17: 73.9
Line 19: respondents
Line 23: livelihood
Line 28: Keywords
Line 34: three quarters
Line 37: up to
Line 39: Al Jazeera,
Line 45: In
Line 50: hazard
Line 58: individuals wellbeing
Line 82: to identify
Line 89: chi square
Line 98: 21.2
Line 138: Error! No text of specified style in document
Line 214: Coping mechanisms were heavily influenced by socio-demographic factors,

- Comment [LG1]:** Rewrite: are
- Comment [LG2]:** Rewrite: cross-sectional
- Comment [LG3]:** Add: the adoption
- Comment [LG4]:** 73.9% ?
- Comment [LG5]:** Rewrite: respondents
- Comment [LG6]:** Add: the livelihood
- Comment [LG7]:** Add: Somalia
- Comment [LG8]:** Rewrite: three-quarters
- Comment [LG9]:** Rewrite: up to
- Comment [LG10]:** Rewrite: Al Jazeera
- Comment [LG11]:** Rewrite: in Somalia
- Comment [LG12]:** Rewrite: hazards
- Comment [LG13]:** Rewrite: individuals' well-being
- Comment [LG14]:** Rewrite: to identify
- Comment [LG15]:** Rewrite: Chi-square
- Comment [LG16]:** 21.2% ?
- Comment [LG17]:** Title? Fix the problem
- Comment [LG18]:** Rewrite: Socio-demographic factors heavily influenced coping mechanisms

Comments:

This study delves into the intricate dynamics of socio-demographic factors and community engagement, and their profound influence on adopting livelihood coping mechanisms during drought in Daynile District, Somalia. The findings, derived from a meticulous stratified cross-sectional survey of 250 households across six sub-districts, unveil a significant association between participation in disaster risk reduction (DRR) programs and the adoption of positive coping strategies. Particularly noteworthy is the revelation that women, individuals without formal education, and casual laborers were more inclined to implement positive coping mechanisms. This underscores the pivotal role of community-based initiatives and socio-economic context in shaping adaptive responses to drought.

Strengths of the Study

- Relevant and timely topic:* The study addresses the critical issue of drought resilience in a highly vulnerable region, which is particularly pertinent in the context of climate change. The findings can contribute to a better understanding of how socio-demographic factors and community engagement can influence the adoption of livelihood coping mechanisms, which is crucial in the face of increasing climate variability and extreme weather events.

Weaknesses of the Study

- Language and style issues:*
 - Grammatical errors and inappropriate word usage (e.g., "snapview" instead of "snapshot").
 - Poorly introduced concepts (e.g., "Fisher's formula," "DRR programs").
 - Requires professional proofreading by a native or scientific English editor.
- Weak presentation of results:*
 - Lacks standardized statistical tables, such as logistic regression models, which would strengthen the findings.
- Figures are poorly labeled and lack clear legends (e.g., Figure 1 is not self-explanatory).
- Redundant and shallow discussion:*

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- The discussion reiterates results without sufficient critical interpretation.
- Fails to provide concrete policy or practical recommendations based on findings.
- *Limited scientific originality:*
- The study does not introduce innovative methods or concepts.
- Remains a descriptive case without broader theoretical or methodological contributions.
- *Insufficient use of data:*
- Interaction effects between variables are not explored.
- Multivariate analysis (e.g., logistic regression) could have identified independent predictors of coping strategies.

Recommendations for Publication

- Thorough language revision by a qualified English-speaking scientific editor.
- Enhance statistical analysis, especially by including multivariate or logistic regression models.
- Improve clarity of figures and tables with appropriate titles and legends.
- Reformulate the abstract into a smooth, narrative paragraph rather than a sectioned format (Intro/Methods/Results/Conclusion).
- Include actionable policy or community-level recommendations based on findings.