

REVIEWER'S REPORT

Manuscript No.: IJAR-53115

Date: 04-08-2025

Title: Perception de la population sur les services ecosystemiques fournis par les sites recuperes dans la commune rurale de Chadakori : departement de Guidan Roumdji (Maradi-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			✓	
Techn. Quality			✓	
Clarity		✓		
Significance			✓	

Reviewer Name: Mr Bilal Mir

Reviewer's Comment for Publication.

Abstract Evaluation:

The abstract provides a clear overview of the study's scope, objectives, and context. It begins by highlighting the importance of reclaimed sites in improving local living conditions, while also framing the central challenge of ecosystem access, exploitation, and sustainable management. The research objective—understanding community perceptions of ecosystem services from reclaimed sites—is explicitly stated.

The methodology is briefly yet adequately described, noting the survey approach involving both beneficiary and non-beneficiary populations across three villages in the Maradi region. The abstract effectively communicates quantitative results, detailing the number of ecosystem services identified and distinguishing between perceptions of beneficiaries and non-beneficiaries. Specific percentages for key services (e.g., forage, grazing, medicinal plant use) add precision and clarity to the findings.

The analysis is enhanced by the mention of the Sankey diagram, which serves to visually represent the relationships between ecosystem services and their four main categories (provisioning, regulation, cultural, and indirect services). The abstract also indicates a high consensus factor for most service categories, reinforcing the robustness of the perceptions recorded.

The conclusion is concise, emphasizing the multifunctionality of reclaimed sites and the importance of proposing management strategies for their sustainable use and valorization. The keywords selected are relevant and well-aligned with the study's thematic scope.

Overall Assessment:

The abstract is informative, well-structured, and data-rich. It clearly conveys the study's purpose, methodological approach, key findings, and broader significance in sustainable land and ecosystem

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management. Its inclusion of both quantitative and qualitative elements strengthens its relevance for environmental researchers, policymakers, and practitioners in ecosystem restoration and rural development.