

Review Form 3

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_127725
Title of the Manuscript:	Typology of agroforestry models in the <i>Anacardium occidentale</i> L. (Anacardiaceae) parks of the FARE project: case of the southern and western peripheral zones of the Benoué National Park, Northern Region, Cameroon
Type of the Article	

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript provides valuable insights into the socio-economic and environmental aspects of Anacardium occidentale-based agroforestry systems in the southern and western peripheries of the Benoué National Park. By examining crop associations, yield patterns, and socio-economic impacts, it contributes significantly to the understanding of how agroforestry systems can support sustainable agricultural practices in regions with diverse ecological challenges. The comparative analysis of cashew-crop associations such as Cashew-Maize, Cashew-Peanut, and Cashew-Cassava also offers a unique perspective on optimizing yields while preserving biodiversity. Furthermore, the findings underscore the potential of agroforestry in enhancing food security, promoting local livelihoods, and mitigating environmental impacts, making it a critical reference for future research in agroecosystem management and sustainable development.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>To assess whether the title of the article is suitable, it should accurately reflect the content, focus, and significance of the study. Based on the provided content, if the current title is unclear or does not fully convey the study's emphasis on Anacardium occidentale-based agroforestry systems and their socio-economic and ecological impacts, an alternative title could be:</p> <p>"Agroforestry Systems Based on Anacardium occidentale: Socio-Economic, Yield, and Environmental Insights from the Peripheries of Benoué National Park, Cameroon"</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Suggested Additions: A brief mention of the environmental benefits of cashew agroforestry in mitigating climate change could enhance the abstract's appeal to a wider audience. Including a short sentence about the study's methodological framework (e.g., whether qualitative, quantitative, or mixed-methods) could provide additional clarity.</p> <p>Suggested Deletions: Specific details about the number of producers surveyed (e.g., 100 out of 300) could be omitted to streamline the abstract unless highly relevant to the study's outcomes. Remove repetitive phrases or unnecessary elaborations, such as "increases production while maintaining the soil in a healthy state," which is implied in earlier sentences.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Recommendations to Ensure Scientific Accuracy: Detailed Methodology: Include a clear explanation of sampling, data collection, and analytical techniques. Control Groups: Ensure comparisons are made with alternative systems to validate the superiority of the studied agroforestry models. Validation of Results: Provide references to previous studies or similar findings to substantiate the conclusions. Data Representation: Use statistical methods and visual tools (e.g., graphs or charts) to demonstrate trends and relationships more effectively. Impact Assessment: Explicitly mention the indicators used to evaluate socio-economic and environmental impacts.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Include Recent Studies: Since the research addresses agroforestry systems and biodiversity, it should incorporate recent studies (from the last 5–10 years) on:</p> <ul style="list-style-type: none"> • Agroforestry models in tropical regions. • The role of cashew plantations in soil health and biodiversity conservation. • Socio-economic impacts of agroforestry in rural communities. 	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> • Revise the abstract for grammar, sentence structure, and logical flow to meet scholarly standards. • Consider professional proofreading or using language tools (e.g., Grammarly, Hemingway Editor) for final polishing. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> • The manuscript could benefit from a brief section suggesting future research directions, such as investigating the long-term sustainability of these agroforestry systems or their scalability to other regions. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Mithilasri. M
Department, University & Country	Anna University, India