

Review Form 3

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| Journal Name: | Asian Journal of Research in Agriculture and Forestry |
| Manuscript Number: | Ms_AJRAF_126101 |
| Title of the Manuscript: | Farmers’ Perception of Bench Terrace Performance and Effectiveness in Southern Tigray, Northern Ethiopia |
| Type of the Article | Original Research Article |

Review Form 3

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|--|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This manuscript offers valuable insights into soil and water conservation in a region highly affected by erosion and water scarcity. The study's focus on farmers' perceptions of bench terrace performance in Southern Tigray adds critical data for improving soil conservation initiatives, directly impacting agricultural sustainability. This research is important for the scientific community as it highlights the challenges of implementing conservation measures in developing countries, providing practical recommendations for improving the success of such interventions. The detailed investigation into socio-economic and technical factors enhances the manuscript's relevance. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title is generally suitable, as it clearly reflects the main focus of the study. A potential alternative could be: Evaluating Farmer Perceptions on the Effectiveness of Bench Terracing in Soil Conservation and Agricultural Productivity in Tigray, Ethiopia to emphasize the broader objectives of soil conservation and agricultural productivity. | |
| 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. | The abstract is comprehensive, covering the research objectives, methods, findings, and key recommendations. However, it could benefit from mentioning specific quantitative results to emphasize findings on challenges, such as the high percentage of respondents reporting infrastructure issues, to give readers a stronger sense of the study's data-driven insights. | |
| Are subsections and structure of the manuscript appropriate? | The manuscript's structure is appropriate, with logical subsections that clearly guide the reader through the introduction, methodology, results, discussion, and conclusions. | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | The manuscript is scientifically robust, using a mixed-methods approach to gather quantitative and qualitative data, which provides a well-rounded analysis of bench terrace implementation. The use of both surveys and interviews ensures that the data reflects a wide range of farmer perspectives, enhancing its reliability. The discussion of challenges faced, such as water access and infrastructure, adds depth and practical significance to the study. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The references are generally sufficient and recent. Including additional sources on similar conservation efforts in other developing countries could provide a broader context for readers interested in comparative analysis. | |
| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | | |
| Optional/General comments | | |

Review Form 3

PART 2:

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| | Reviewer's comment | Author's comment (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) |
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

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