

Review of: "The Role of Green Legacy in Promoting Sustainable Development and Combating Climate Change"

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Potential competing interests: No potential competing interests to declare.

The study investigated the impact of green legacy in promoting climate change.

However, I have some comments on the article and I hope my suggestion will be very helpful for the author to improve not only this article but also the future articles the author will write.

1. the first & second contributions in the Abstract are the same tree planting > carbon sequestration > climate change mitigation.
2. Starting the Introduction with a general sentence on global hot agenda but the cited references are 10/17 years ago. Please use latest references from 2022/2023. A hot agenda is something that is being addressed in recent times. People concerned about 10-17 years ago, does not properly indicate a burning issue.
3. "Ethiopia is one of the sub-Saharan African countries hardest hit by drought and forest deforestation (Abebe and Arega, 2023)." Just a single sentence is a paragraph???? A standard paragraph should contain at least 4-5 sentences. Please avoid unnecessary paragraphing and organize the writing with proper paragraphing.
4. Please use references for every statement in the Introduction.
5. Please provide details/definition on "Green Legacy" with 1-2 sentences before directly start like "The Green Legacy has successfully contributed to increased forest cover". This will be helpful for the readers (who is not from your background) to understand your article better.
6. Instead of presenting the research objective as a separate subsection, you can write in inside the Introduction like this:

.....writing about problem statement..... indicating research gap..... Therefore, to fill up this research gap, this study aims to examine the impact of green legacy on weather change in Ethiopia. The objective of the study includes identifying the effects of planting and growing trees on climate change as well as exploring the challenges and opportunities of green legacy in Ethiopia,
7. At the end of the Introduction (after objective), provide details about the significance/novelty/contribution of the study.
8. Please cite some recent relevant studies under the literature review.
9. The last paragraph of literature review should address and explain the research gap in the existing literature and how

the present study would fill up the research gap in the existing literature.

10. Please add references in the Methodology section to support the methodology you used and the benefit of choosing the particular methods that you used.

11. The qualitative section can be presented better. The author can provide a Figure illustrating the green legacy of Ethiopia is facing changes like Scarcity of water in rural areas, Soil erosion, Deforestation, Land degradation, Loss of biodiversity, High Population growth, increases of temperature etc. Another Figure can present the opportunities of Ethiopian green legacy. And write some details about the challenges and opportunities because this could be helpful for the policymaking regarding overcoming the challenges and increasing the opportunities.

12. Please add more recommendations, particularly on policy recommendations. What kind of policy the government should integrate as well as what the government and forest department should do to enhance green legacy for promoting sustainable development and combating climate change. You can read the following articles which would help you to understand "how to write policy recommendations":

Toward a sustainable environment: Nexus between economic growth, renewable energy use, forested area, and carbon emissions in Malaysia. *Resources, Conservation & Recycling Advances*, 15, 200096.

<https://doi.org/10.1016/j.rcradv.2022.200096>

Dynamic impacts of economic growth, energy use, urbanization, agricultural productivity, and forested area on carbon emissions: New insights from Kazakhstan. *World Development Sustainability*, 1, 100019.

<https://doi.org/10.1016/j.wds.2022.100019>

Dynamic impacts of economic growth, energy use, urbanization, tourism, agricultural value-added, and forested area on carbon dioxide emissions in Brazil. *Journal of Environmental Studies and Sciences*, 12(4), 794-814.

<https://doi.org/10.1007/s13412-022-00782-w>

13. "Recommendations" and "Limitations of the study and future research direction" should not be separate sections. They should be "sub-section" under Conclusion section. Please arrange your conclusion like this:

5. Conclusions and Recommendations

5.1. Conclusions

5.2. Recommendations

5.3. Limitations and future research direction