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| Journal Name: | [**Asian Journal of Environment & Ecology**](https://journalajee.com/index.php/AJEE) |
| Manuscript Number: | **Ms\_AJEE\_133311** |
| Title of the Manuscript: | **Assessment of Precipitation and Temperature trends in Kilosa district, Morogoro-Tanzania** |
| Type of the Article |  |

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| PART 1: Comments | | | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | | 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)* **No text generated by AI** | |
| **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.** | **Faced with the lack of in situ climate measurements, this manuscript shows the scientific community some alternatives. It highlights some of the possibilities available for acquiring reliable climate data, in particular temperature and precipitation. Knowledge of trends in these climatic elements is essential for planning agricultural activities, especially in developing countries such as Tanzania.** | | **Absolutely true** | |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | |  | |
| 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. | **Yes** | |  | |
| Is the manuscript scientifically, correct? Please write here. | **No** | | **Improved** | |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **No** | | **Improved-some references are not recent when discussing the period 1981-2005 which is a historical period so we have to consider those studies executed within the period** | |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** | |  | |
| Optional/General comments | 1. **In the abstract, the announced study period is from 1981 to 2022. However, in the document, the study period ends in 2005.**      1. **The fact that the study period ends in 2005 does not give an idea of current trends. The climate situation in 2005 is not fundamentally that of 2025.**      1. **The bibliography is not too recent.**      1. **Figure 1: Replace the map with one showing the country's position in East Africa. Replace roads with hydrographic network. Add localities.**      1. **Table 1: Mention the values in the dataset validation analysis text.**      1. **Figures 3 and 6: Add localities. Refine the analysis by considering the different localities in the district.**      1. **Figures 4 and 7: Replace month numbers with month names.**      1. **Discuss the results by comparing them with others in the region or in other localities.**      1. **The conclusion should summarize the main findings of the study.** | | * + - 1. **Corrected to 1981-2005**       2. **Improved by removing the word current and replace with historical, and this is because the aim of the study s to assess the trends in that period**       3. **Improved to recent**       4. **The lines are not roads but they are representing localities**       5. **Corrected**       6. **Purpose of the Map** * **The map is intended to show overall precipitation and temperature trends at the district level, not specific localities.** * **Adding localities might distract from the main message of the map, which is the spatial trend of climate change indicators.**   + - 1. **To provide spatial context, directional references such as "western part" or "northeastern" are used instead of specific localities.**       2. **Used number but identified s month to avoid congestion of words in the figures. This is used as one among of varios style of presenting figures**       3. **Improved by comparing as recommended**       4. **Improved by incorporating the comments** | |
| **PART 2:** | | | | |
|  | | Reviewer’s comment | | Author’s comment *(if agreed with the 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?** | |  | |  |