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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)* |
| **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.**  |  |
| **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**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** |  **No** |  |
| 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.**

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| **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?**  |  |  |

**Reviewer details:**

**Philippe Malick DIONE, Assane Seck University of Ziguinchor, Senegal**