

# Review of: "Spatio-Temporal Analysis of Precipitation Patterns in Xinjiang Using TRMM Data and Spatial Interpolation Methods: A Comparative Study"

Praveen Rai

Potential competing interests: No potential competing interests to declare.

This work mainly focuses on spatial and temporal precipitation patterns using TRMM data for Xinjiang region. Comparison of different interpolation methods definitely adds value to the current study. I would like authors of the paper to address following comments:

1. As other reviewers have already pointed out, the introduction section is too short and needs more information.
2. Change the figures label to English for more clarity.
3. There are two Fig. 3 in the manuscript. The second Fig. 3 with average precipitation colorbar. is not clearly visible. I would suggest producing these maps in high quality for better visibility.
4. Limitations of used interpolation methods also needs to mentioned in the manuscript.
5. A detailed discussion section is also missing.
6. Provide references for various methods used and also for the TRMM data.
7. A more detailed description of spatial maps needed.

Overall, the manuscript needs major modifications before its possible publication.

Praveen Kumar Rai