

Interactive comment on "Contribution of Surface Solar Radiation and Precipitation to Spatiotemporal Patterns of Surface and Air Temperature Warming in China from 1960 to 2003" by Jizheng Du et al.

Anonymous Referee #2

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This paper analysed the spatial patterns of Ts and Ta and their relations with SSR and precipitation using the observations. It is important to study the mechanism of T changes in the warming climate in regional scales. I think this article is publishable after major corrections.

In general, the text can be compressed substantially.

- 1) Eq (1) is not needed, "linear trend" or "Linear regression" should be enough.
- 2) Please discuss why the Tadjusted is calculated? State its actual meaning and applications.

C₁

3) The detailed descriptions are not necessary in Figure captions and can be moved to the text.

Minor

Line 54: Hegerl and Zwiers is missing in the references

Line 173-174: Is that 1990?

Line 257: Please check Ts-max and Ta-max trends. By eye, both values should be close.

Line 277-281: Mechanism of the difference should be mentioned here.

Line 294: Significant difference. Can you clarify how significant it is please?

Line 534: References

Line 570: Eastling et al and Line 638: Ohmura. They are not referenced in the text, please check.

Ta-min in Figs 5,6,8,9 can be removed, since they don't give much information. They can be briefly discussed in the text.

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