

Dear Jie Li and co-authors,

You have taken the two reviewers' comments seriously to produce an improved, revised version. Both reviewers agree that the article merits publication in ESSD, as does the dataset, which is of interest for studies of current and past processes. My only concern relates to the quality of the figures. It is important that these are improved, particularly the maps in Figures 1 and 2, to ensure the text on them is legible.

I look forward to receiving more legible figures and would like to thank you for choosing ESSD to publish this dataset.

Thank you very much for your positive evaluation of our revised manuscript and for the constructive comments of the two reviewers. We are glad that both reviewers consider the article and the dataset suitable for publication in ESSD.

Regarding your concern about the quality of the figures, we have carefully revised **Figures 1 and 2**. To ensure that the text on the maps is fully legible, we have:

- increased the resolution of the figures and re-exported them in high resolution (e.g., 600 dpi);
- enlarged the font size of all labels, place names, and scale bars in the maps;
- adjusted the layout of the labels and legends to avoid overlaps with map features;

The updated figures have been uploaded together with the revised manuscript. We hope these improvements now meet the journal's requirements.

Once again, we sincerely thank you for your time and for choosing ESSD for this dataset, and we look forward to your final decision.