

Dear Editor,

We sincerely appreciate your insightful and constructive comments regarding the Code/Data availability and the statement on ESRI basemaps in our manuscript (EGUSPHERE-2025-652). In response to your comments, we have made further revisions to the last submission.

Again, we deeply appreciate your effort and thoughtful comments, which have been very helpful in improving our manuscript. Below are our point-by-point responses to your comments. Editor comments are presented in blue, and our responses follow in black.

Comments from the Editor:

1. With the next file upload request, please ensure that the section “Code/Data availability” complies with the following content requirements: -If the data are not publicly accessible (including cases where access is provided “upon request”, is missing etc.), a clear and detailed justification must be provided. For further details, please refer to: [https://publications.copernicus.org/for\\_authors/manuscript\\_preparation.html#assets>Data sets](https://publications.copernicus.org/for_authors/manuscript_preparation.html#assets>Data sets)

Response: We have deposited the data processing and plotting codes, the processed glacier velocity and surface elevation data for NKG region, vector data such as glacier outlines and termini, as well as elevation change time series and meteorological data to the Zenodo repository (<https://doi.org/10.5281/zenodo.19437339>). The code and data availability section has been updated accordingly.

2. Regarding figures 7, 8, 9, 11: since ESRI aims to use "Powered by Esri" in any case, please include also this statement in the caption.

Response: Thanks for this insightful comment. We have included the statement “Powered by Esri” in the caption of Figures 1, 5, 7, 8, 9, and 11.