

Dear Nora Helbig,

Thank you very much for your positive feedback and for the opportunity to publish our work in *The Cryosphere*. We have carefully addressed your final technical suggestions.

Specifically, we have performed the following updates:

- **Data Availability:** We have updated the "Data Availability" section by including the official **Zenodo DOI** for the GEE script used in this study.
- **References and DOIs:** We have thoroughly reviewed the reference list to correct inconsistencies and have added missing DOIs where available.
- **Formatting:** The entire bibliography has been processed using **Zotero** with the specific *The Cryosphere* (TC) style settings. We have manually verified the output to ensure it strictly follows the journal's formatting guidelines.

We believe the manuscript is now ready for publication and we look forward to the next steps. Thank you again for your assistance throughout the review process.

Best regards,

Francesco Parizia

On behalf of all authors