

Responses to Reviewers' Comments for Manuscript *essd-2023-94*

# Multitemporal characterisation of a proglacial system: a multidisciplinary approach

Addressed Comments for Publication to

Earth System Science Data

by

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**Note:** To enhance the legibility of this response letter, all the editor's comments are typeset in boxes.

## Authors' Response to the Editor

**General Comments.** Dear authors, Thank you for responding to the comments of the third reviewer. I fully support your decision to add the processing parameters to the SI.

In my view, the manuscript is now suitable for publication, pending your consideration of one minor point.

Congratulations and best wishes,

James Thornton

### Response:

Dear Dr. James Thornton,

We express our deepest gratitude for generously dedicating your time and expertise to evaluate the revised version of our manuscript, "Multitemporal characterisation of a proglacial system: a multidisciplinary approach" with manuscript number essd-2023-94.

We sincerely appreciate the opportunity to conduct another revision. The insightful remarks and constructive feedback have enhanced the quality of our manuscript.

We are extremely grateful for your decision to accept our manuscript. We are honored and delighted by the positive feedback from the reviewers and your approval of our work.

Best regards,

The Authors

**General Comments.** Dear authors,

Regarding Comment #2 of the final reviewer, I appreciate that licensing terms may restrict you from sharing the raw data. However, since this is an important point for readers to be aware of (and to some extent affects the reproducibility of the work), I would ask you to consider a sentence to the manuscript explaining why the raw data cannot be shared.

**Response:** Thank you for your suggestion

We added in the Data availability section at line 516 the following sentence:

"The images used for the creation of the photogrammetric products used for the DoD analysis are not available in the datasets due to licensing restrictions. The ownership of the images is not exclusive to the authors but is shared with the organization responsible for their acquisition, Digisky. For this reason, it is not possible to share this dataset as well. To obtain the images, the purposes of the request need to be analyzed, and an agreement on their use must be signed directly with the authors and Digisky. We are open to sharing the dataset if it is agreed upon with Digisky."

**General Comments.** I am also slightly confused about the last part of your response: "However, we remain open to consider ad-hoc access requests, which can be sent directly to the authors." I would expect that if the data cannot be shared openly due to the licence, then they could not be shared following an ad hoc request (e.g. email) either. Please could you kindly clarify?

Many thanks for addressing this final point, and congratulations for your persistence once again.

James Thornton

**Response:** Thank you for your request for clarification

We apologize for our incomplete response.

The images we used for the creation of the photogrammetric products are owned by us and Digisky, therefore the licensing terms for the crewed aerial images do not allow their public re-sharing as open data. Data sharing must be agreed upon between the image owners (us and Digisky) and the party wishing to use them. Consequently, to obtain the images, the purposes of the request need to be analyzed, and an agreement on their use must be signed directly with us and Digisky.

Our availability was about our openness regarding data sharing and thus to submitting any ad-hoc requests to Digisky and requesting the establishment of an agreement with a third party. However, unfortunately, we are currently not authorized in any way to share the images.

We apologize again for the lack of clarity in our previous response.