

The Cryosphere

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**Response to Editor: egosphere-2024-269, submitted by Bast et al.**

Dear Professor Flores Orozco

Thank you for your positive feedback on our manuscript entitled *Short-term cooling, drying and deceleration of an ice-rich rock glacier* (egosphere-2024-269) and for the decision to accept the paper subject to minor revisions.

We have carefully considered all the comments from the two reviewers, the community and yourself. Based on the suggestions regarding the cross-borehole ERT measurements, we have decided to present the discussion in two sub-chapters: (i) discussion of water and/or ice content and its influence on rock-glacier kinematics, and (ii) discussion of ERT data quality and ERT data processing, including prospects for cross-borehole ERT measurements in permafrost environments.

Please find attached our manuscript with our suggested changes (one version with the track changes modifications visible, and one with the modifications accepted).

We hope that the revised manuscript will meet your approval and look forward to hearing from you.

With kind regards,

Alexander Bast, Marcia Phillips and Robert Kenner