

Interactive comment on “Current glacier recession causes significant rockfall increase: The immediate paraglacial response of deglaciating cirque walls” by Ingo Hartmeyer et al.

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Dear reviewers, dear editor,

thank you for your highly valuable and thought-provoking comments. We posted point-by-point responses to your comments and uploaded the revised manuscript (one version with markups showing revisions, the other with a clean layout).

Following suggestions by the referees we (i) added new temperature data to the manuscript including a set of unique bedrock temperatures acquired inside the Randkluft (Sect. 3.2, 4.7), (ii) expanded the analysis of rockfall with orientation (Sect. 4.4),

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and (iii) provided additional information on deglaciation trends during the study period and in the decades prior to the monitoring (Sect 2.1).

Kind regards Ingo Hartmeyer (on behalf of all co-authors)

Interactive comment on Earth Surf. Dynam. Discuss., <https://doi.org/10.5194/esurf-2020-8>, 2020.

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