

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

Ingo Hartmeyer et al.

ingo.hartmeyer@georesearch.ac.at

Received and published: 29 March 2020

We thank Alison Anders for her constructive and thoughtful comments. We will respond in more detail after the discussion period and will integrate her suggestions in a revised version of the manuscript.

Several of the points raised are covered in the companion study “Enhanced rockwall retreat and modified rockfall magnitudes/frequencies in deglaciating cirques from a 6-year LiDAR monitoring” (<https://www.earth-surf-dynam-discuss.net/esurf-2020-9/>), especially the relationship between the discontinuity orientation and the rockfall activity observed. In the revision we will strengthen the link between the two companions. A

Printer-friendly version

Discussion paper



far more detailed study on rock temperature, active layer evolution, and microclimate is currently underway.

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

Printer-friendly version

Discussion paper

