

Review of Eibl et al. – Esurf

In fairness to the authors and in keeping with prior discourse on this manuscript, I have tried to focus my review on how well the authors have addressed the issues that all three previous reviewers identified. In broad strokes, I would agree with their assessment. The dataset is interesting and offers some intriguing possibilities toward understanding outburst flood processes, hydrothermal/ice interactions, and hazard early warning. I am not a seismologist and am approaching this from a geomorphologist's perspective so I can't offer too much on methodology, and the previous reviewers seem to agree that it's all good.

I see some substantive improvement particularly in the discussion of tremor sources and origins. I don't know that I would say that splitting the type-2 tremors into 2 and 3 referring to the tremor generated by hydrothermal explosions and subsequent boiling is new, as the type-2 tremor is described in Eibl et al. (2020) as likely being driven by both processes already, but in general, I think the additions make the manuscript a lot more distinctive from the 2020 paper. I see a few issues that I think the authors could address without much new analysis.

- First, I think there needs to be a little more methodological explanation. Coming from the outburst flood crowd rather than the environmental seismology crowd, I had to look up a lot of terminology and there are abbreviations (STA/LTA) that go undefined. For an audience of geomorphologists, I'd like to see a little more explanation of the methods and interpretation of the waveforms, etc.
- I'm not sure I fully understand what new insights the clustering analysis brought to the table. I see the authors have attributed to the clustering of events into collapse of the ice shelf, but it's unclear to me precisely why.
- (382) are the faults referred to here faults within the ice?
- There's no figure 1
- (Fig. 3) "beamforming" another example of a term that might be well known to folks working in seismology and signal processing but I haven't come across as a geomorphologist. For ESurf I think some of these terms just need clarification.
- (Fig 7c) lacks a scale