Response to the editor

P3, L11-13: Reword to “Together, these complex and diverse glacier responses pose a challenge for accurate assessments of future glacier dynamics and associated cascading hazards.”
Done as suggested

P4, L8-11: Revise, this sentence doesn’t make sense.
Done as suggested

P5, L11: Should read “that have occurred”.
Done as suggested

P5, 13: Change to “in HMA, of which, 95% were from”.
Done as suggested

P6, L27-29: The sentence outlining the elevation change is a little unclear. A reviewer noted that "if glaciers are receding (shown by the negative mass balance), one would expect the elevation change [of the terminus] to be positive". Editor suggests making clear that you are referring to the surface elevation change if that is the case
Done as suggested

P7, L1-2: Please add back in the km2 units
Done as suggested

Sections 3.1, 3.2, 4.1, Figs. 6, 8, 11, 12: Please use the term imagery rather than imageries throughout
Done as suggested

P13, L8: Please cite r.avaflow (see https://www.landslidemodels.org/r.avaflow/).
P 14, L1 and L28: Remove the comma after et al.
Done as suggested

P14, L17: Reference HEC-RAS.
Done as suggested

P14, L31: Reference Fig. 11 here (unless you have an alternative to illustrate the cross-section locations).
Done as suggested

P22, L3-5. Rewrite to: “However, this GLOF did not lead to a cascading GLOF from Lake B, located immediately downstream.”
Done as suggested

P22, L15-17: Consider rewriting to: “Between 2014-15, imagery revealed lake water intrusion along the right margin of GL-B’s terminus (Fig. 4).”
Done as suggested

P22, L18: Remove the comma after terminus.
Done as suggested

P22, L29: Change to “of the downstream”.
Done as suggested

P. 30, L16: Check parentheses around Sattar reference.
Done as suggested

P32, L20-22: Rewrite this sentence, it’s grammatically incorrect.
Done as suggested

P39, L7: Remover the comma after lake.
Done as suggested

P43: Restructure paragraphs. Please start a new paragraph at line 16 and integrate paragraph at L28 with the previous paragraph
Done as suggested

P43, L33-34: Reference the results section for the avalanche reconstruction.
Done as suggested

P48, L8: Change “from what is modelled” to “from those modelled”.
Done as suggested

P48, L12: Change to “in the case of”.
Done as suggested