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*Supplement of*

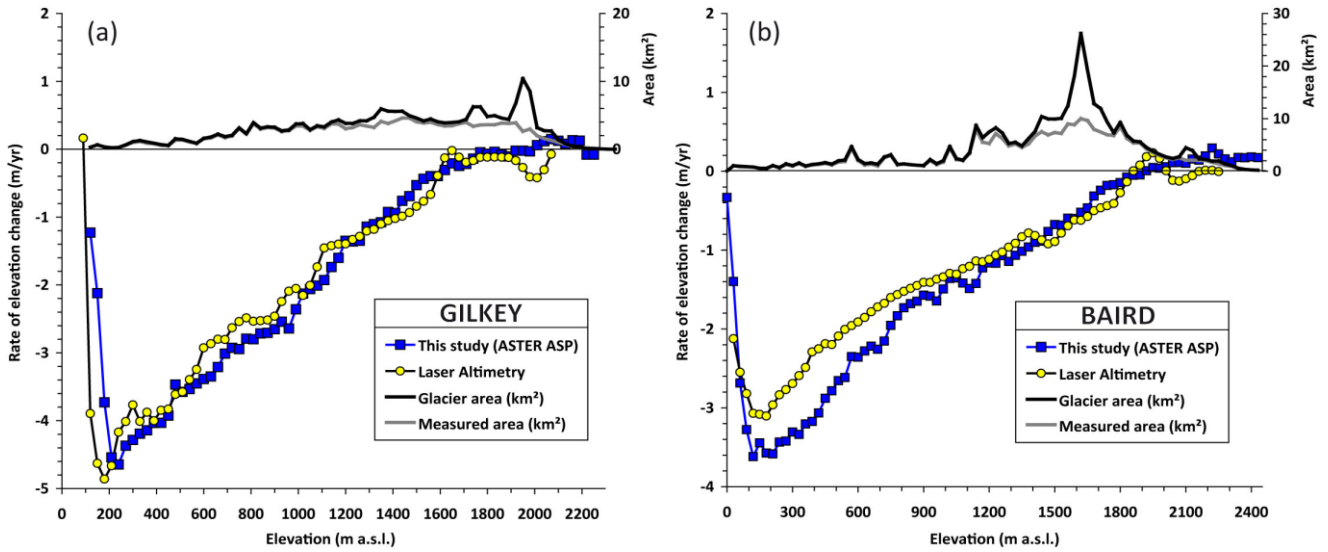
## **Brief communication: Unabated wastage of the Juneau and Stikine icefields (southeast Alaska) in the early 21st century**

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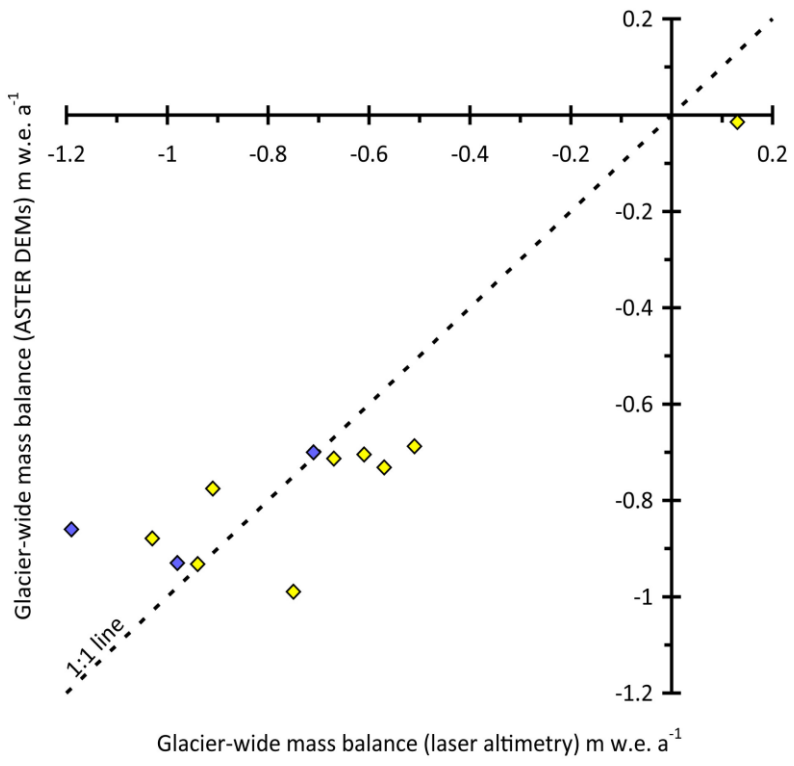
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**Supplementary Figure S1:** Rates of elevation change vs. elevation for (a) Gilkey Glacier (Juneau Icefield) and (b) Baird Glacier (Stikine Icefield) measured from ASTER DEMs (blue curve, 2000-2016) and airborne laser altimetry data (2007-2012 for Gilkey and 1996-2013 for Stikine). The upper curve (right Y-axis) show the total area altitude distribution (black) and the glacier area effectively sampled using in the ASTER DEMs (grey).



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**Supplementary Figure S2:** Glacier-wide mass balances ( $B_a$ ) of individual glaciers of the JIF (yellow, 9 glaciers) and SIF (blue, 3 glaciers) calculated in this study using ASTER DEMs from 2000 to 2016 and derived from airborne laser altimetry for different periods (Larsen et al., 2015). The dashed line is the 1:1 line.