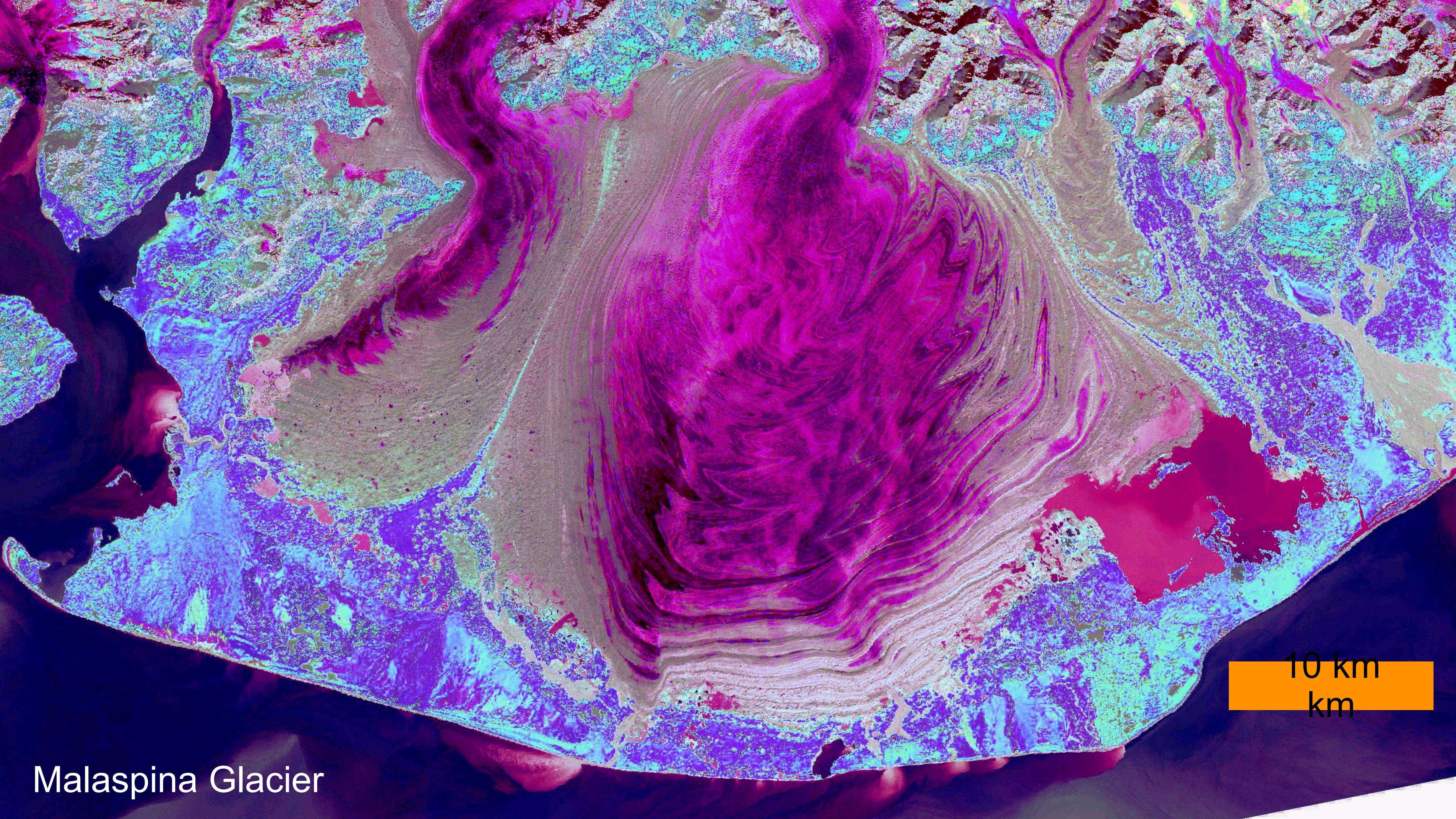


The Future of Alaska's Glacier Coasts

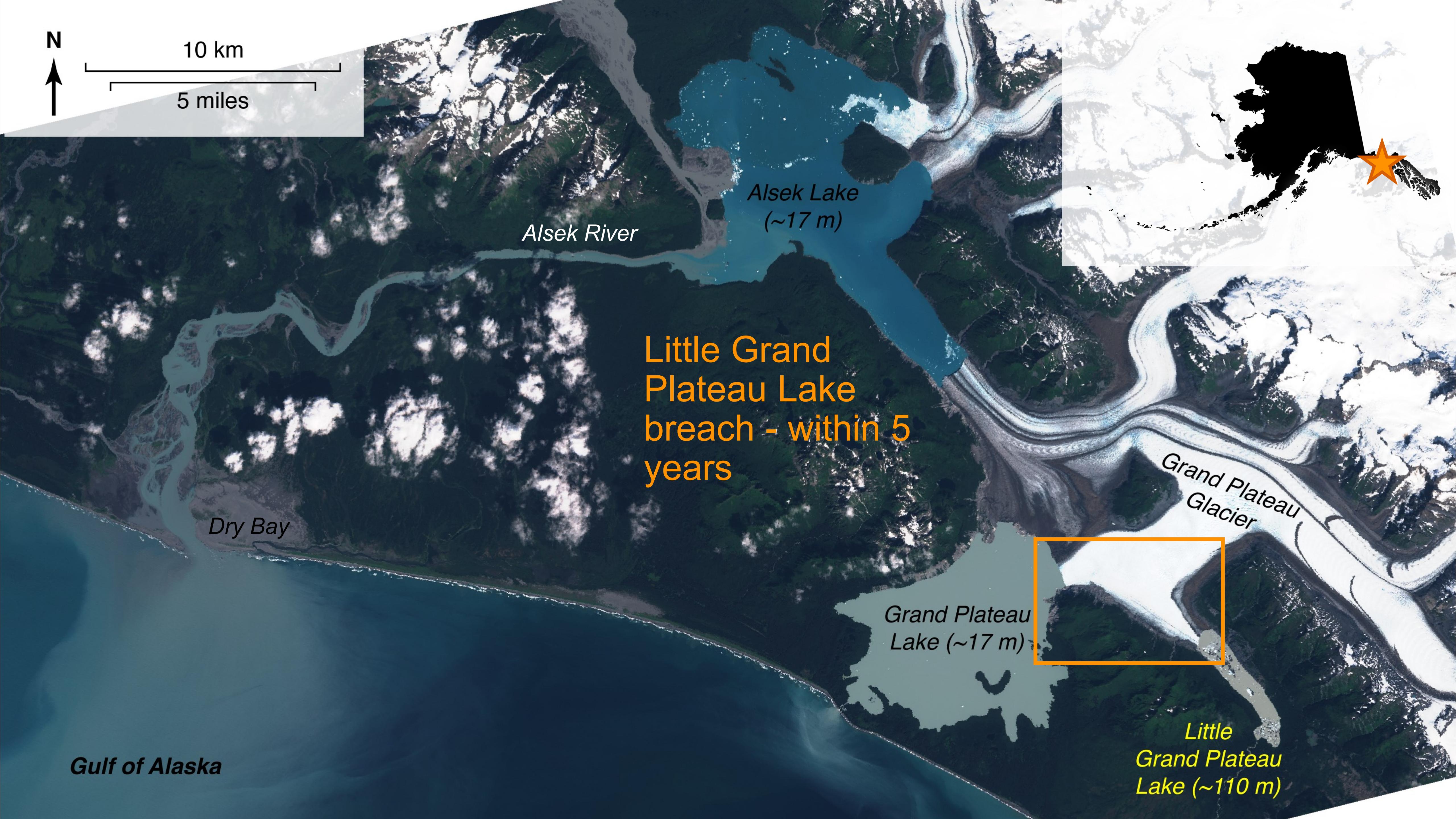
Hig (Bretwood Higman)
hig314@gmail.com
Ground Turth Alaska

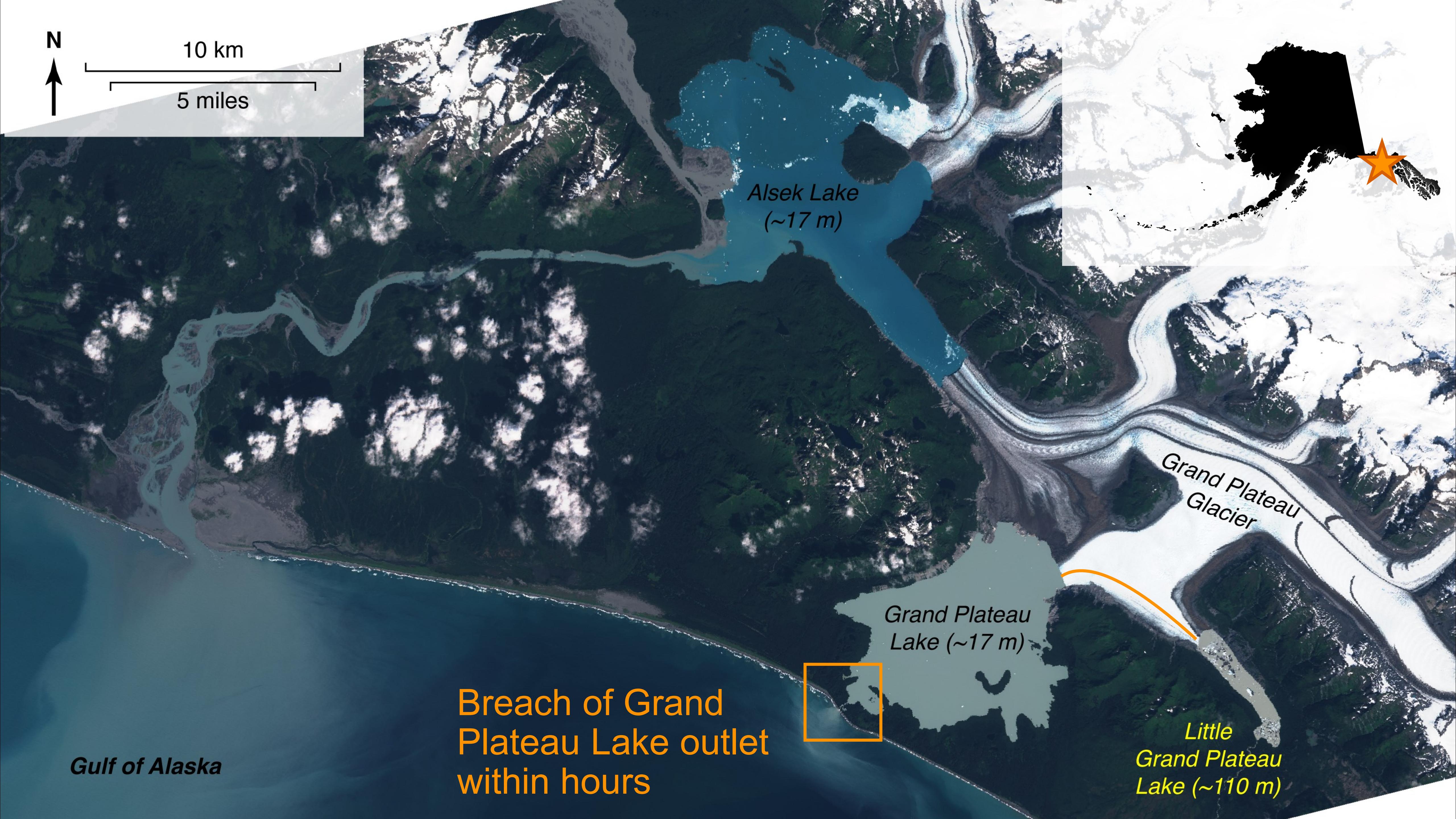


10 km
km

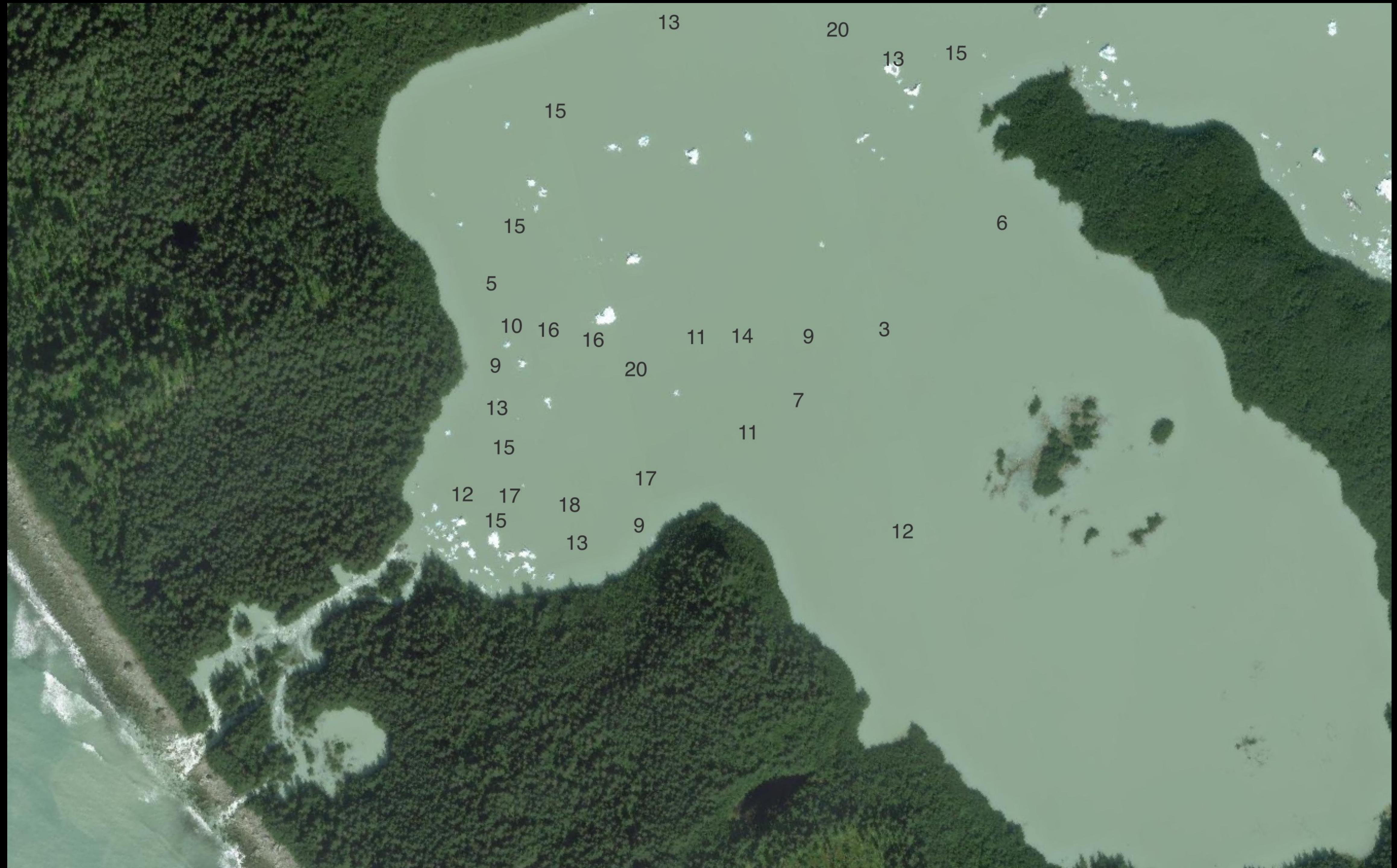
Malaspina Glacier

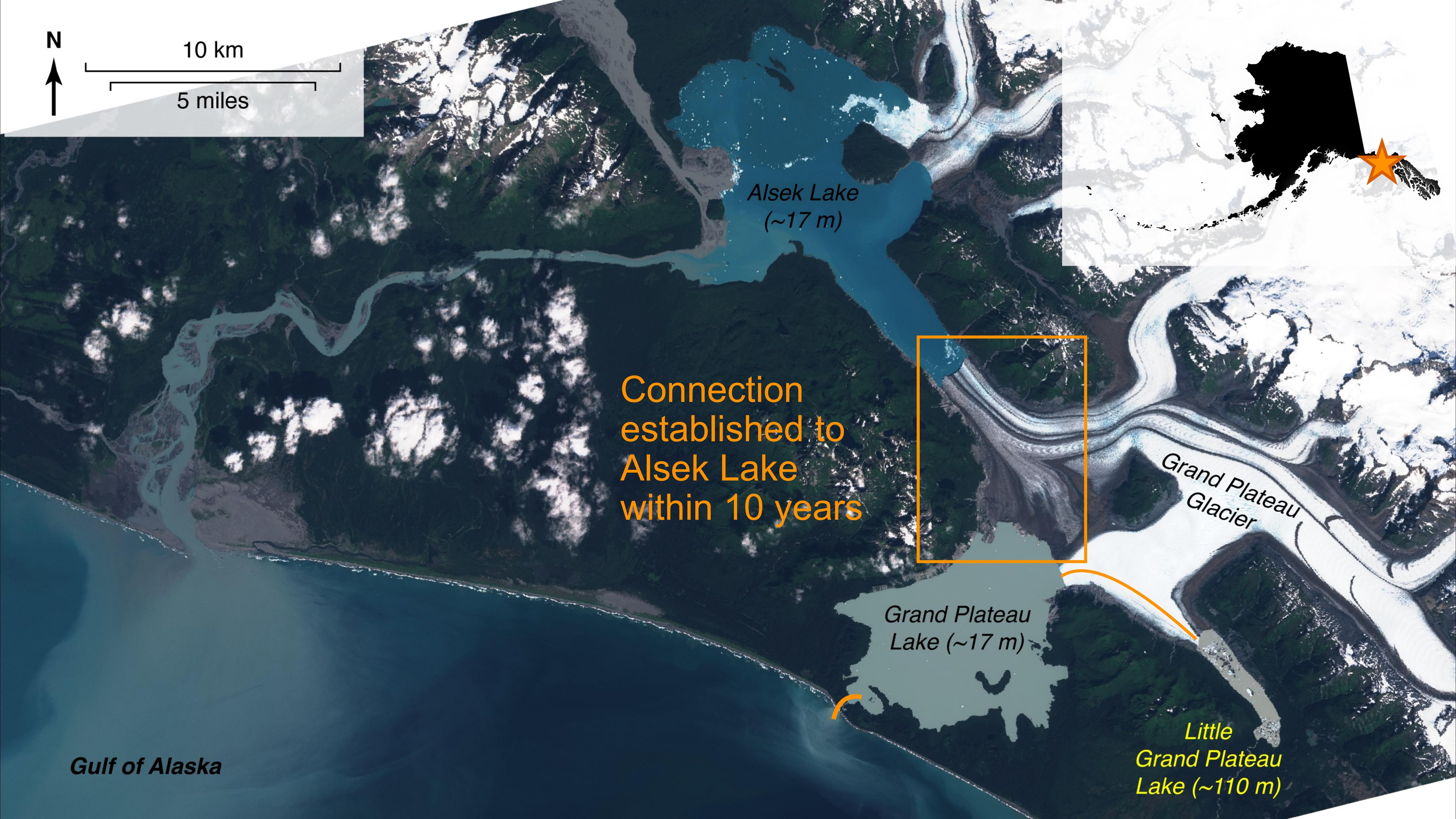












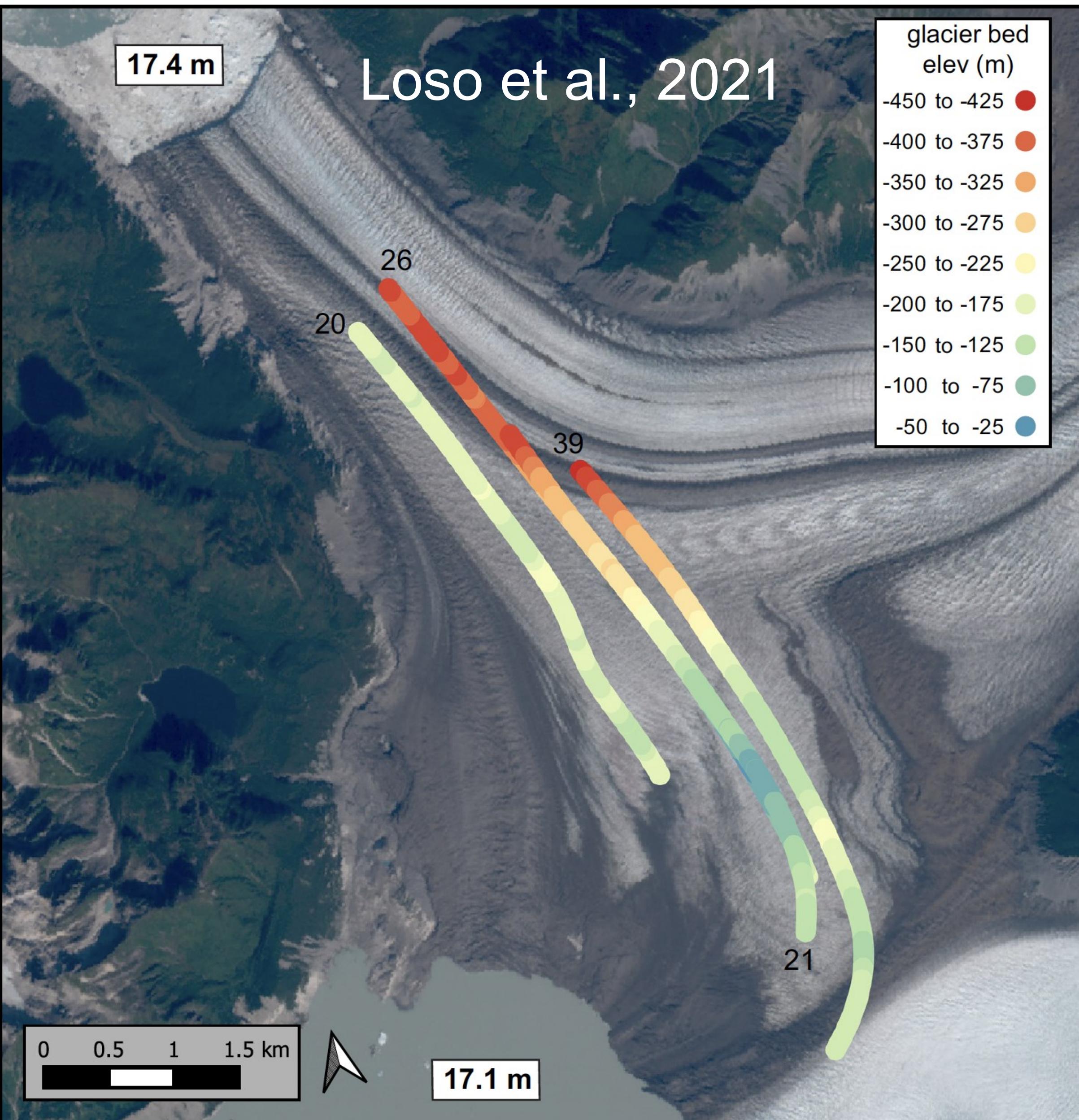
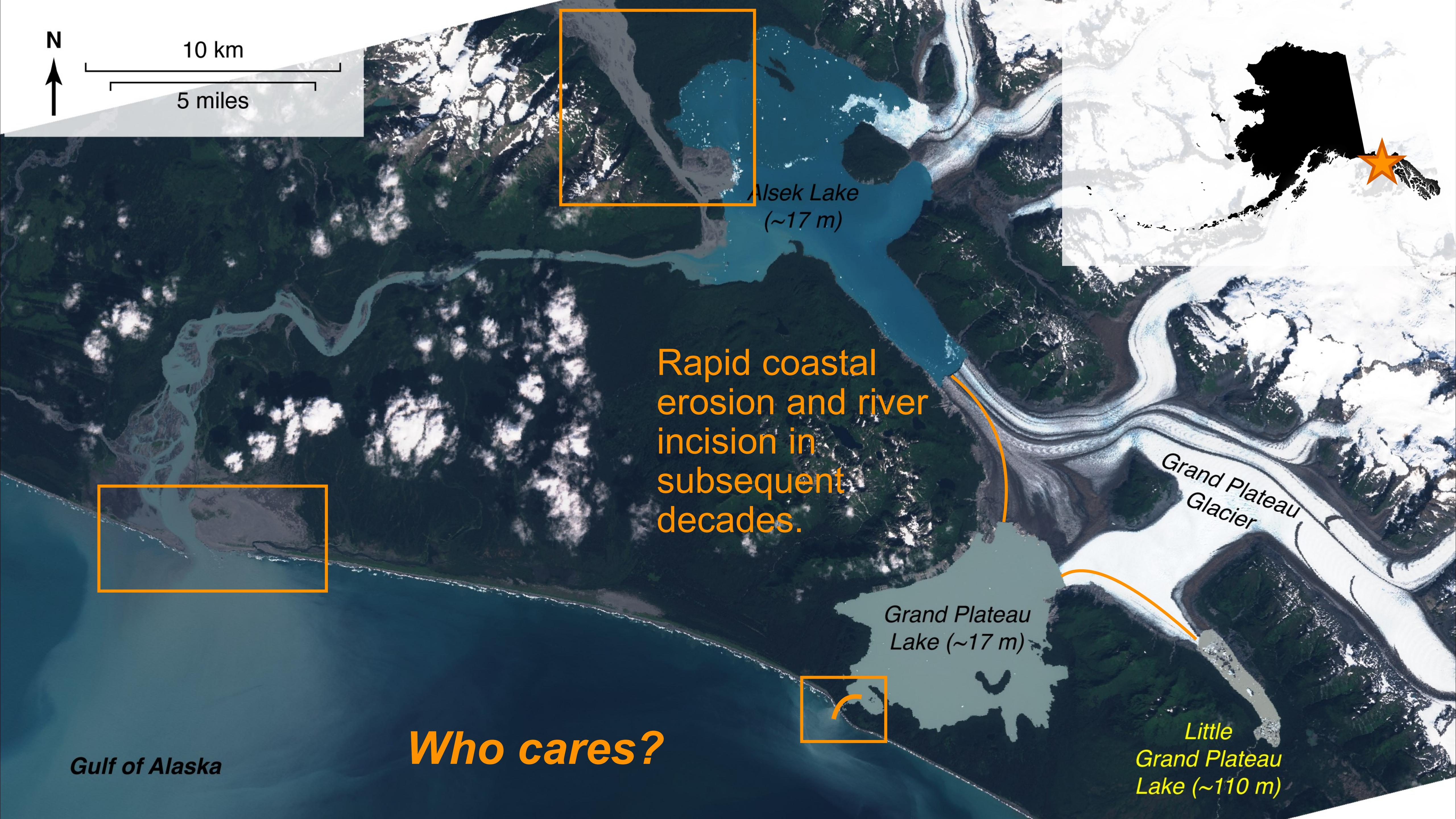
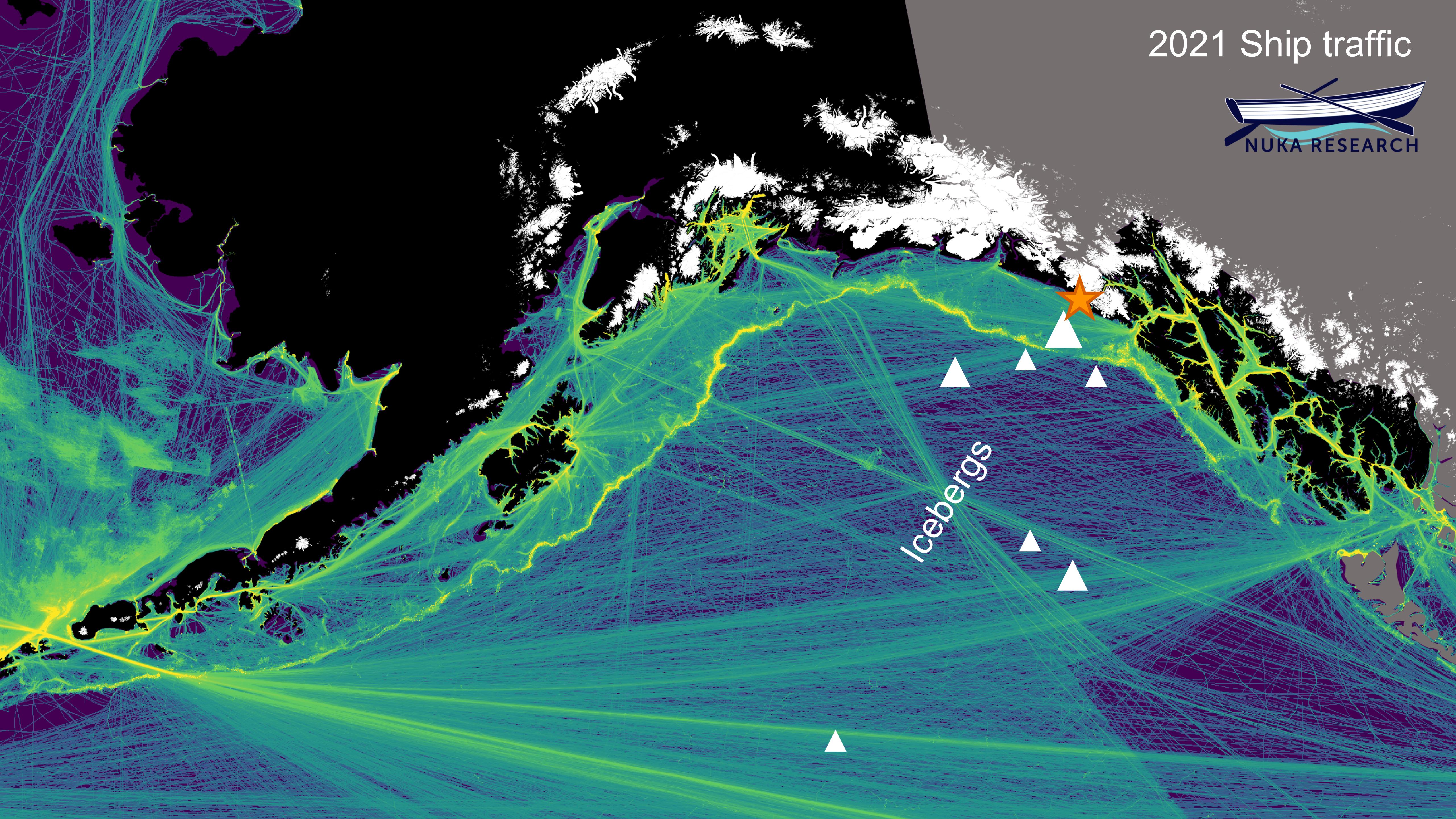


Fig. 5. Estimated glacier bed elevations along four ice-penetrating radar profiles on Grand Plateau Glacier. Underlying data, including comparison of overlapping profiles 21 and 26, are shown in the supplementary information; 2-digit codes identify individual profiles. Lake surface elevations shown over Alsek and Grand Plateau Lake are derived from 2020 laser altimetry data. Base is Sentinel-2 image acquired September 10, 2018; Albers equal area projection.





2021 Ship traffic



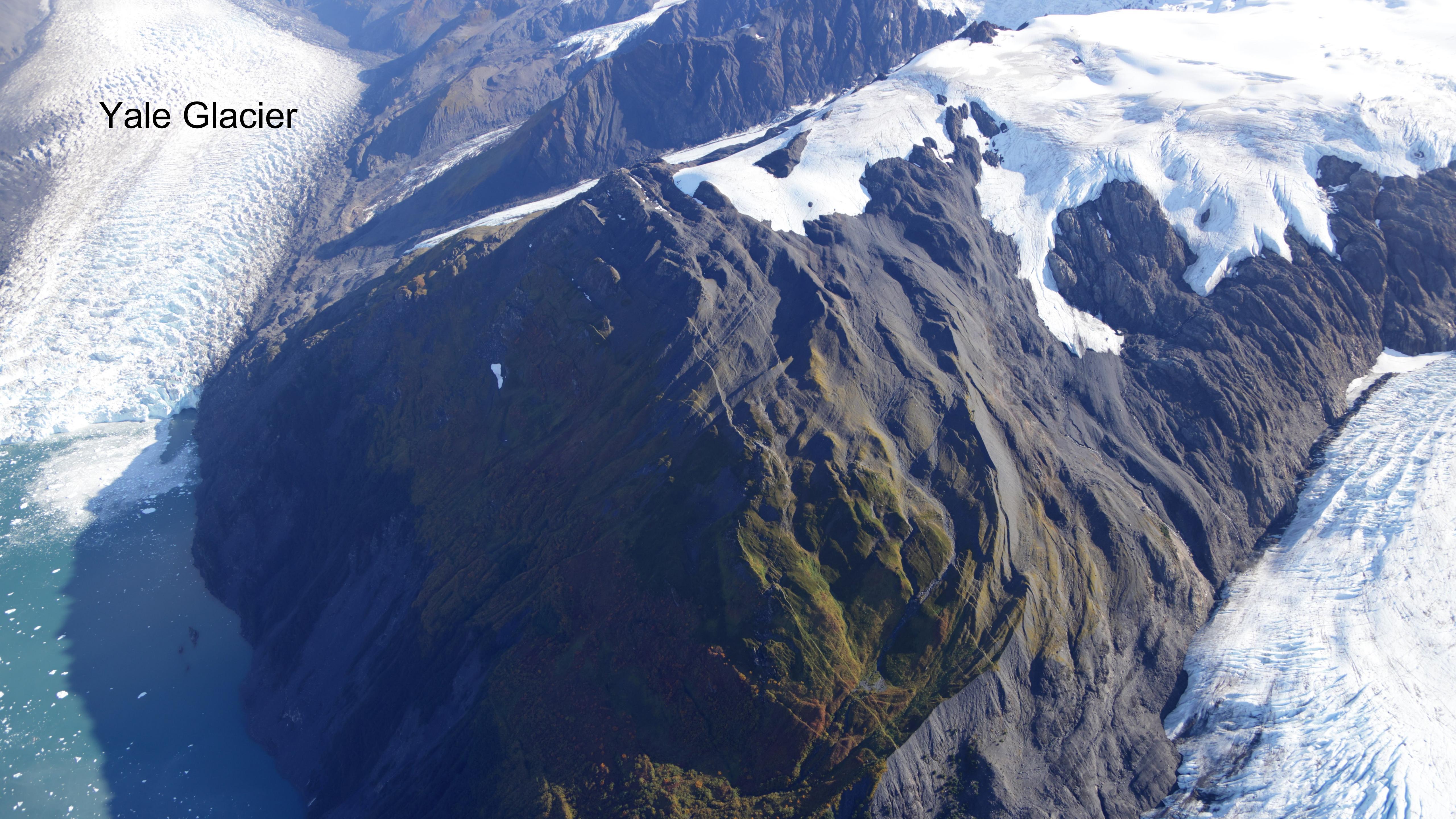
Icebergs





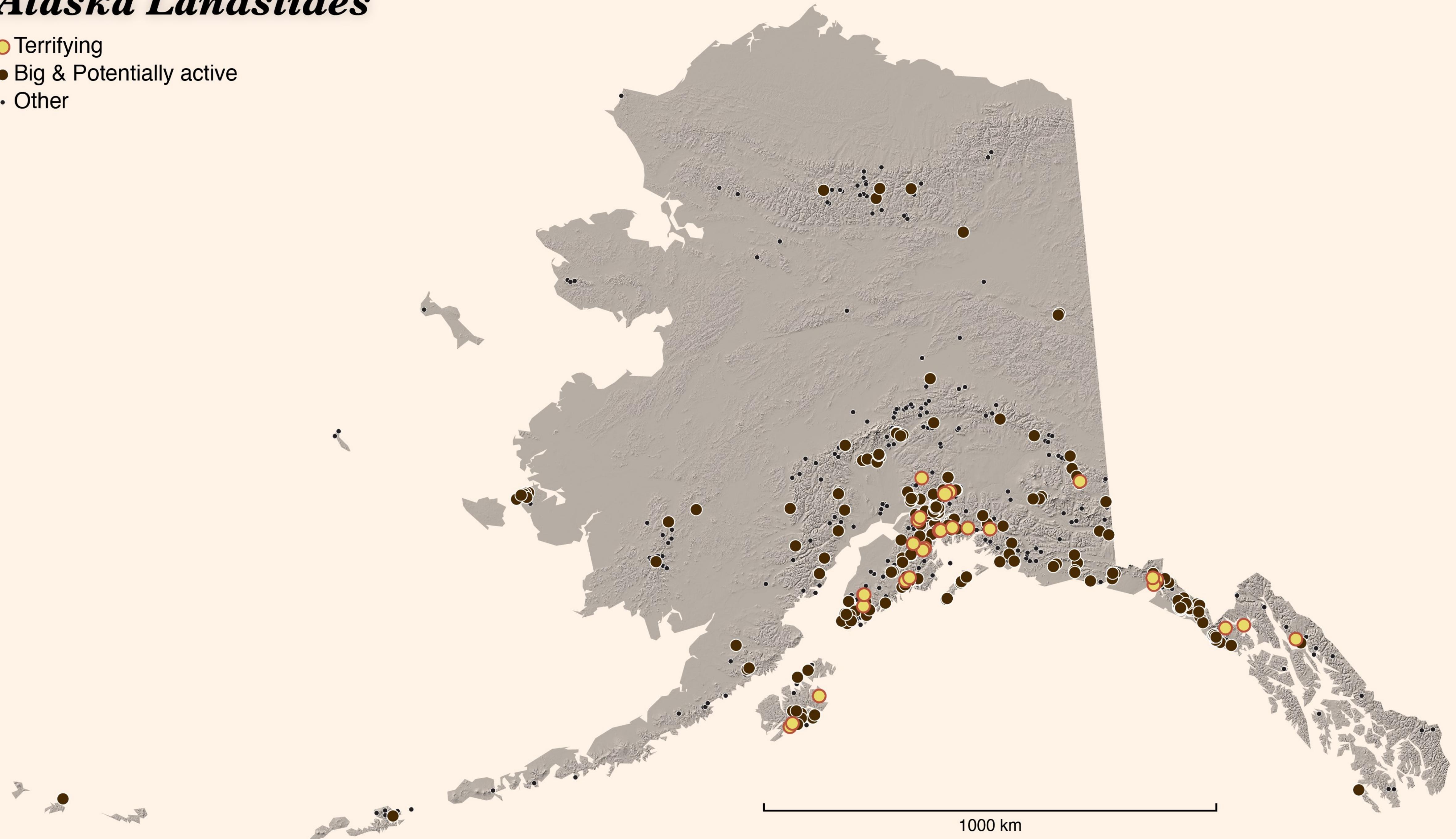
Sitkagi Lagoon,
Malaspina Glacier, 2011

Yale Glacier



Alaska Landslides

- Terrifying
- Big & Potentially active
- Other



An age of emerging hazards



Hig (Bretwood Higman)
hig314@gmail.com
Ground Turth Alaska

