

Arctic T-SLIP

TSUNAMIGENIC SLOPE INSTABILITIES PARTNERSHIP

UNDERSTANDING AND
PREPARING FOR LANDSLIDE-
GENERATED TSUNAMIS IN
PERMAFROST AND GLACIER
REGIONS

Image: Hig (Bretwood Higman) - Ground Truth Alaska

What is Arctic T-SLIP?

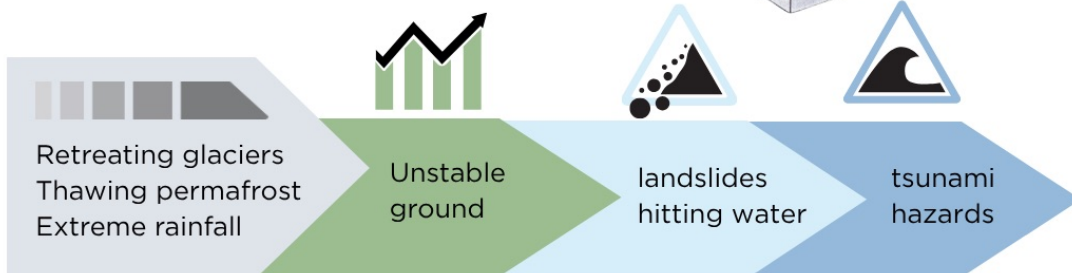
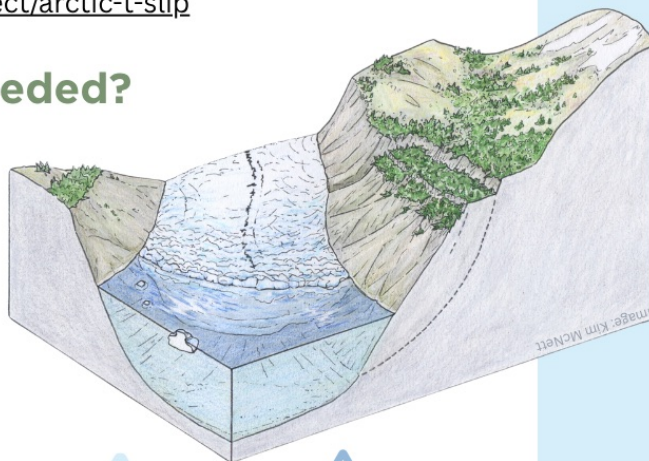
Arctic T-SLIP (Tsunamigenic Slope Instabilities Partnership) is a network of people interested in landslides and landslide-generated tsunami hazards in Alaska and across the Arctic. A specific objective of the National Science Foundation (NSF) funded Arctic T-SLIP Planning Project is to submit a nested collection of research proposals to NSF in 2026.

Visit the website to see upcoming events:

<https://www.woodwellclimate.org/project/arctic-t-slip>

Why is Arctic T-SLIP needed?

Hazards from landslide and landslide-generated tsunamis are increasing. Among all the natural hazards in Alaska, this hazard is the least quantified and integrated into local, state, and federal hazard management practices.



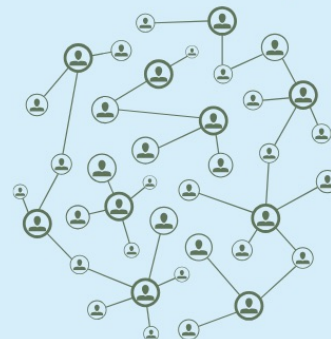
Improving our understanding of and preparedness for landslide-generated tsunami hazards requires a diverse group of people with complementing insights and resources.

Goals



CONNECT

grow the Arctic T-SLIP
network of people



IMPROVE

understanding
of the cryosphere
affected climate-
landslide-tsunami-
human system



SUPPORT

future hazard
management



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Connect and Engage with Arctic T-SLIP

Arctic T-SLIP offers opportunities to engage and collaborate to identify research questions that center on concerns of people who live, travel, and visit the impacted regions.



Webinars:

Arctic T-SLIP hosts regular webinars open to the public in 2025- 2026. Speakers from a range of disciplines will share their expertise on LGT hazards and mitigation.



Community visits:

Arctic T-SLIP will host meetings in multiple Alaska communities interested and impacted by LGT hazards to hear local perspectives, share current research, and to enable new collaborations.



Workshop:

Arctic T-SLIP will host a workshop Feb 24-25 2026 in Anchorage, welcoming participants who are committing as leaders or contributors in developing the nested research proposals to NSF.



Research Proposals:

Arctic T-SLIP will coordinate a set of connected individual research project proposals that will be submitted to the NSF Office of Polar Programs in July 2026. We welcome proposal lead writers and collaborators!



Who can join Arctic T-SLIP?

The Arctic T-SLIP network welcomes anyone who is interested in landslides and landslide-generated tsunami research in Alaska and the Arctic, especially people willing to contribute to research proposals to NSF.

Committed to co-production

Arctic T-SLIP will actively involve stakeholders and rightsholders in the design, implementation, and evaluation of the research planning process.

Contact information

Anna Liljedahl, Homer | aliljedahl@woodwellclimate.org | 907-799-9780
Erin Shew, Cordova | erin.shew@eyak-nsn.gov | 907-385-7670
Beks Rumley, Girdwood | beks@crccalaska.org
Kristin Timm, Fairbanks | kmtimm@alaska.edu | 907-474-6836
Bretwood "Hig" Higman, Seldovia | hig314@gmail.com | 907-290-6992

Image: Hig (Bretwood) Higman - Ground Truth Alaska