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# Workshop on Mitigating the Hazard of Permafrost-thaw Induced Landslides in Alaska and the Arctic

## DRAFT AGENDA

October 22-24, 2024

### I. October 22, 2024 – Pre Workshop Day: Visit Local Landslide Hazard Sites

Please join us at any or all of the following (RSVP to [haley@nukaresearch.com](mailto:haley@nukaresearch.com)). Exact sites visited will depend on conditions and are subject to change.

- 11:15am Meet at Victory Bible Camp to carpool to lunch (*bus transportation TBD*)
- 11:30am Lunch at own expense at Long Rifle Lodge (31406 Glenn Highway, Chickaloon)
- 1:00pm Visit local landslide hazard sites. *Accessible by road with some light walking.*
- 3:30pm Meet at Victory Bible Camp to hike to rock glacier above Index Lake  
*If you are unable to join for lunch and the earlier site visits, you are still welcome to participate in the hike. It is approximately 1-1:30 hours of hilly but scenic trail (roundtrip), plus time to explore the rock glacier. It's winter! Please dress warmly and wear your hiking boots.*
- 6:00pm Dinner at Victory Bible Camp (RSVP required – *time subject to change*)

### II. October 23, 2024 – Workshop Day 1

- Time tbd Breakfast provided for those staying at Victory Bible Camp.*
- 9:00am – 9:45am Introductions, housekeeping items, participant goals, and expectations
- 9:45am – 10:30am What do we know about landslide risk in areas of degrading mountain permafrost in the region? How can the collective memory of our residents share the stories of other landslide events? *Introductory presentation by the workshop Steering Committee followed by discussion.*
- 10:30am – 10:45am BREAK
- 10:45am – 11:15am Local leadership on landslide mitigation & reflections.
- Joseph Davis, Glacier View Community Council Geology Committee (10 min)
  - Kendra Zamzow, Chickaloon Native Village (10 min)
  - Casey Cook, Mat-Su Borough (10 min)
- 11:15am – 12:15pm PANEL: Roles of state and federal agencies in Alaska related to hazard mitigation and current landslide research and/or mitigation.
- Martin Larsen, Alaska Division of Geological & Geophysical Surveys (5 min)
  - Dennis Staley, United States Geological Survey (5 min)
  - Rick Dembroski, Alaska Division of Homeland Security and Emergency Management (5 min)
- 12:15pm – 1:15pm LUNCH (*provided for all participants*)
- 1:15pm – 2:00pm What are the gaps in our understanding of the problem – from both physical and social science perspectives? What are the priority research needs to inform better hazard communication and mitigation?

	<ul style="list-style-type: none"> <li>• Bretwood Higman, Ground Truth Alaska (10 min)</li> <li>• Kristin Timm, University of Alaska Fairbanks (10 min)</li> </ul>
2:00pm – 3:00pm	What can we do to mitigate this hazard to communities? Three examples from other countries. <ul style="list-style-type: none"> <li>• Roy Kaimo, Dynaslope (10 min) – <i>to be confirmed</i></li> <li>• Þorsteinn Sæmundsson, University of Iceland (10 min)</li> <li>• Alessandro Pasuto, Italian National Research Council (10 min)</li> </ul>
3:00pm – 3:15pm	BREAK
3:15pm – 4:30pm	BREAKOUT DISCUSSION: Actions needed to better understand the hazard and improve hazard communication and mitigation.
4:30pm – 5:00pm	Wrap Up Day 1 and Review Evening Plan
5:30pm	DINNER ( <i>provided for all participants – time subject to change</i> )
6:30pm – 8:30pm	<b>Community Event: Victory Bible Camp dining hall</b> <i>Workshop participants are encouraged to join this public event</i>

### III. October 24, 2024 – Workshop Day 2

<i>Time tbd</i>	<i>Breakfast provided to those staying at Victory Bible Camp.</i>
9:00am – 9:30am	Recap on Day 1 and Reflections from Community Event
9:30am – 10:30am	GROUP DISCUSSION: Review, refine, and prioritize list of actions needed to better understand the landslide hazard and communicate/mitigate the hazard (long-term and emergency contexts)
10:30am – 10:45am	BREAK
10:45am – 11:30am	GROUP DISCUSSION: What are the potential sources of funding, expertise, time and other resources to mitigate these hazards? What are the appropriate ways to coordinate, share these burdens, and respect differing priorities and vulnerabilities within local communities? <ul style="list-style-type: none"> <li>• Grace Kubitz, Senator Murkowski’s Office (10-15 min)</li> </ul>
11:30am – 12:30pm	Free time slot to discuss any items that came up during introductions.
12:30pm – 1:30pm	LUNCH ( <i>provided for all participants</i> )
1:30pm – 3:00pm	How do we go forward to create meaningful and sustainable mitigation efforts? What are ways of using money and other resources to achieve actual mitigation? What resources are needed? <i>Round table discussion.</i>
3:00pm – 3:15pm	BREAK
3:15pm – 4:30pm	Wrap up: Workshop reporting and next steps together and individually
4:30pm	Meeting adjourns
6:30pm – 8:30pm	<b>Community Event: Band of Brothers (2050 N Merciful Cir, Wasilla, AK)</b>