

Federal Advisory Committee on Landslides (ACL), Day 1

Meeting Agenda, April 1st, 2025, 9 a.m.–5:00 p.m.

Department of the Interior, Washington, D.C.

Guiding documents:

- [National Landslide Preparedness Act](#)
- [National Strategy for Landslide Loss Reduction](#)

8:30—9:00 Arrival, security, and logistics

The Department of the Interior is located at [1849 C Street, NW, Washington, DC 20240](#). Visitors are required to enter the building on C Street and show valid, government-issued photo ID before going through security.

9:00—9:15 Welcome and introductions (Godt)

9:15—10:45 Advisory Committee on Landslides member introductions (All)

Committee members will introduce themselves, their organization, and their interests in serving on the ACL. Each member will have 5 minutes to present with additional time for questions:

- Joe Wartman, University of Washington
- Gabriel Taylor, Washington State Department of Transportation
- Josh Roering, University of Oregon
- Nina Oakley, California Geological Survey
- Leslie Jones, Alaska Geospatial Office
- Lorna Jaramillo Nieves, University of Puerto Rico at Rio Piedras
- Kelly Hubbard, Santa Barbara County Office of Emergency Management
- Casey Hanell, Washington Geological Survey
- Bill Haneberg, William C. Haneberg, LLC
- Bill Burns, Oregon Department of Geology and Mineral Industries
- Jennifer Bauer, Appalachian Landslide Consultants, LLC

Preparation:

- Prepare a few short presentation slides using the template provided.

Desired outcome: Members understand how they and other ACL members can contribute to the effective implementation of the National Landslide Hazard Reduction Program.

10:45—11:00 BREAK

11:00—12:00 National Landslide Preparedness Act reauthorization (Godt, Riker)

Jonathan Godt and Jenny Riker from the Landslide Hazards Program Office will update the ACL on the status of National Landslide Preparedness Act reauthorization.

Preparation:

- Review amendments in the House-proposed NLPA Reauthorization Act, [H.R. 2250](#), introduced on March 21st, 2025.

Desired outcomes: The ACL is aware of the status of National Landslide Preparedness Act reauthorization and has an opportunity to ask questions about legislative language and proposed amendments.

12:00—1:15 LUNCH

1:15—4:00 Regional landslide partnerships and monitoring (Godt, Riker, Hughes)

Landslide observation, monitoring, and warning feature prominently in draft reauthorization language and recent budget direction to the USGS Landslide Hazards Program. We will share examples of two ongoing USGS-supported landslide monitoring and warning efforts as a jumping-off point for discussion. The ACL will consider how the National Landslide Hazard Reduction Program could facilitate expansion of interagency landslide observation and monitoring to a wider range of landslide-threatened regions across the United States.

- Landslide monitoring in Puerto Rico *Stephen Hughes, University of Puerto Rico at Mayagüez*
- Landslide monitoring in Alaska, *Dennis Staley, USGS Alaska Volcano Observatory*

Resources:

- [NOAA-USGS Debris-Flow Warning System—Final Report \(NOAA-USGS Debris Flow Task Force, 2005\)](#)
- Prior USGS-led reports and consensus studies on landslide hazard and risk: [Goals and Tasks of the Landslide Part of a Ground-Failure Hazards Reduction Program \(USGS, 1981\)](#); [Reducing Losses From Landsliding in the United States \(National Research Council, 1985\)](#); [National Landslide Hazards Mitigation Strategy—A Framework for Loss Reduction \(USGS, 2003\)](#); [Partnerships for Reducing Landslide Risk \(National Research Council, 2004\)](#)
- University of Puerto Rico–USGS [Puerto Rico Landslide Forecast Network](#)

Desired outcome: Members are aware of ongoing USGS-supported regional landslide monitoring efforts and share perspectives on how such efforts might be structured, sustained, and scaled.

Prompts for discussion:

- How do we define a “region” for purposes of landslide monitoring?
- What does a successful regional landslide partnership look like? How could such partnerships benefit your sector’s efforts to reduce landslide risk?
- If we were charging a consensus study to develop a regional landslide observation and monitoring model, what would the key system components be, and how would we prioritize their development?
- What are key next steps to advance a regional partnership model for landslide observation?

4:00—4:45 Cooperative Landslide Hazard Mapping and Assessment Grants (Hall, Slaughter)

Sarah Hall and Stephen Slaughter from the Landslide Hazards Program Office will brief the ICCLH on the Cooperative Landslide Hazard Mapping and Assessment Grants Program and seek input on priorities for future funding opportunities.

Preparation:

- Review the external grants [website](#), in particular [funded opportunities](#).
- Review the Guidance Criteria (pp. 26–28) in the FY25 grants program [announcement](#) (attached).

Desired outcome: The ACL is familiar with the progress and status of the external landslide grants program initiated in FY24 and provides input on priorities and opportunities for future funding calls.

4:45—5:00 Day 1 wrap up

- Public comments (Riker to moderate)
- Closing remarks (Godt)

Federal Advisory Committee on Landslides (ACL), Day 2

Meeting Agenda, April 2nd, 2025, 9 a.m.–1:00 p.m.

Department of the Interior, Washington, D.C.

8:30—9:00 Arrival, security, and logistics

9:00—10:30 National Landslide Hazard Reduction Program product overview (Godt)

The USGS Landslide Hazards Program will provide an overview of key landslide hazard and risk reduction products and associated project activities. It will seek advice and recommendations on the balance, application, and scientific and technical direction of these products to advance the National Landslide Hazard Reduction Program.

Resources (USGS and Federal partner landslide products):

- [Post-fire debris flow hazard assessment dashboard](#)
- [National landslide inventory and susceptibility map](#) and [interactive map viewer](#)
- [Co-seismic ground failure product](#)
- [Hurricane Helene landslide hazard estimates](#) for emergency response
- FEMA [National Risk Index for Landslides](#)
- NASA [Global Landslide Hazard Assessment model for Situational Awareness \(LHASA\)](#) and [online viewer](#)

Prompts for discussion:

- Is this the appropriate portfolio of products to address national landslide risk reduction needs?
- How can the National susceptibility map best work alongside state-scale hazard assessments? What perspectives should we consider as we advance this product?
- How should post-fire debris flow assessments incorporate inundation modeling to support decision making? What are the implications of this product for emergency management?
- How can products best advance our understanding of the societal impacts of landslides?

Desired outcome: The ACL becomes familiar with the portfolio of USGS and Federal partner landslide information products and provides input on how this product suite can best achieve risk reduction goals.

10:30—10:45 BREAK

10:45—12:30 Open discussion (Godt, Riker)

We will finish the meeting with time for open discussion and deliberations on:

- Meeting and reporting cadence

- Advisory Committee, Program, and ICCLH interaction
- Advisory Committee recommendations
- Priority topics for future discussion

Desired outcome: The ACL has time to reflect on meeting discussions and determines its next steps.

12:30—1:00 Day 2 wrap up

- Public comments (Riker to moderate)
- Closing remarks (Godt)

Participants

U.S. Geological Survey

Jonathan Godt
ACL Designated Federal Officer, Landslide Hazards Program Coordinator
jgodt@usgs.gov

Jenny Riker
Landslide Hazards Program Associate Coordinator
jriker@usgs.gov

Stephen Slaughter
Landslide Hazards Program Associate Coordinator
sslaughter@usgs.gov

Sarah Hall
AAAS Science & Technology Policy Fellow, Landslide Hazards Program
srhall@usgs.gov

Tricia Light
Natural Hazards Mission Area, Physical Scientist
tlight@usgs.gov

Advisory Committee on Landslide Members

Jennifer Bauer
Appalachian Landslide Consultants, LLC, Principal Geologist
jennifer@appalachianlandslide.com

Bill Burns
Oregon Department of Geology and Mineral Industries, Landslide Geotechnical Specialist
bill.burns@dogami.oregon.gov

Bill Haneberg
William C. Haneberg, LLC, Geological and Geohazards Consultant
bill@haneberg.com

Casey Hanell
Washington Geological Survey, State Geologist and Director
casey.hanell@dnr.wa.gov

Kelly Hubbard
Santa Barbara County Office of Emergency Management, Director

khubbard@countyofsb.org

Lorna Jaramillo Nieves

University of Puerto Rico at Rio Piedras, Professor of Physical Sciences

lorna.jaramillo@upr.edu

Leslie Jones

Alaska Division of Geological & Geophysical Surveys Geospatial Office, Geospatial Information Officer

Leslie.jones2@alaska.gov

Nina Oakley

California Geological Survey, Geohazards Climatologist

nina.oakley@conservation.ca.gov

Josh Roering

University of Oregon, Professor of Earth Sciences

jroering@uoregon.edu

Gabriel Taylor

Washington State Department of Transportation, Assistant State Engineering Geologist

gabriel.taylor@wsdot.wa.gov

Joe Wartman

University of Washington Natural Hazard and Disaster Reconnaissance (RAPID) Facility, Director and Professor of Civil and Environmental Engineering

wartman@uw.edu