

Identifying and Reducing Landslide Risk

April 17, 1pm EDT/10am PDT

This 1-hour AGI Critical Issues webinar will provide an overview of landslide risk assessment and landslide impacts in the United States, discuss various policy approaches and funding for landslide risk mapping, and feature case studies of work done with communities to reduce landslide risk.

Landslides are a hazard that affects every U.S. state and territory, causing at least \$1 billion in damage and 25–50 deaths annually in the United States. They include mudslides and debris flows, rockfalls, and slope failures, and occur due to both natural and human causes. The impacts of landslides can include damaged property, blocked or destroyed roads and other infrastructure, dammed streams and rivers (increasing flood risk), habitat loss, and loss of life. They can also occur in conjunction with other natural hazards such as floods, tsunamis, earthquakes, and volcanic activity. Assessing and monitoring landslide risk helps to guide decisions that can reduce human and infrastructural vulnerability.

In this webinar, experts in landslide characterization, mapping, and risk reduction will discuss landslide impacts in the United States; landslide research and mapping at the federal, state, and local levels; funding mechanisms for landslide mapping; and strategies for engaging communities in landslide risk reduction.

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For more information, please visit:

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Top background: Bob Van Wagenen, U.S. Geological Survey

Speakers

Jonathan Godt, Acting Science Advisor for Earthquake and Geologic Hazards, U.S. Geological Survey

Jennifer Bauer, Co-Owner and Principal Geologist, Appalachian Landslide Consultants

Eric Waage, Director, Hennepin County, MN Emergency Management

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