

New nationwide strategy brings scientists and communities together to help reduce landslide risks

September 28 2022



Credit: Pixabay/CC0 Public Domain

Landslides are inevitable, but landslide disasters are not. With this in mind, the U.S. Geological Survey has released a new report that details the strategic actions necessary to equitably reduce the Nation's risk from landslide hazards.

The USGS "National Strategy for Landslide Loss Reduction" fulfills a core requirement of the National Landslide Preparedness Act (43 U.S.C. 3102), enacted by Congress in January 2021. Developed by a federal interagency coordinating committee, the new strategy will guide the way people study, coordinate responses to, and prepare for landslide hazards across the country.

"We may not be able to stop [landslides](#) from happening, but we can help reduce their impact," said Jonathan Godt, program coordinator for the *USGS Landslide Hazards Program*. "By bringing everyone together from state, local and Tribal governments; colleges and universities; and private, community-based and non-profit organizations, we can lower the risk landslides pose to people and property."

There are four key goals to this comprehensive strategy:

1. Assess: Ensure that [decision-makers](#) have access to detailed, consistent and relevant information about landslide hazards and risks across the country.
2. Coordinate: Enable effective coordination of landslide-hazard response, mitigation and recovery efforts across federal, state, Tribal, and [local authorities](#).
3. Plan: Ensure communities-at-risk, decision-makers and land managers understand and are prepared for potential landslide hazards.
4. Respond: Ensure surveillance of and responses to landslide events are effective, equitable, cooperative and data-driven to protect life, property, and resources.

Additional aspects of the strategy include the development of a publicly accessible national landslide database, support for existing early warning systems and streamlined capabilities for rapid emergency response.

More information: Jonathan W. Godt et al, National strategy for landslide loss reduction, *USGS Landslide Hazards Program* (2022). [DOI: 10.3133/ofr20221075](https://doi.org/10.3133/ofr20221075)

Provided by United States Geological Survey

Citation: New nationwide strategy brings scientists and communities together to help reduce landslide risks (2022, September 28) retrieved 28 April 2024 from <https://phys.org/news/2022-09-nationwide-strategy-scientists-landslide.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--