

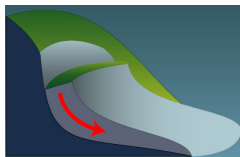


Canada Landslide Project

Natural Hazards and Emergency Response
<http://nher.nrcan.gc.ca>

The Threat of Landslides

Landslides threaten the safety and well-being of Canadians in all provinces and territories. With over 600 deaths and annual economic losses conservatively estimated at \$125 million, landslides are Canada's most destructive geological hazard.



The Canada Landslide Project

provides the geoscientific and geospatial information and expertise necessary to assist in the mitigation of landslide hazards in Canada.

Target:

- 30% of the population and strategic elements of infrastructure that are at risk from landslides
- National coordination of efforts, detailed studies and monitoring, regional analysis and interpretation of the various types of landslides present in Canada under diverse environmental settings

Collaboration

Project researchers are engaged in a variety of activities individually, in partnership with provincial representatives and collaboratively with academia, the private sector and other federal agencies to improve Canada's understanding of landslides and minimize the loss of life and economic costs incurred from landslides.

The Canada Landslide Project is addressing these objectives through:

- Coordination of national efforts
- Provision of critical data to the client community through a client-maintained national landslide database / inventory
- Provision of digital landslide hazard maps for regions and elements at risk
- Development of methodologies and tools for hazard assessment, tailored to mitigate landslide risk
- Contribution to the understanding of landslide hazard through regional analyses and process models of landslide behaviour, under diverse environmental settings, as a basis for development of mitigation strategies
- Contribution of expert knowledge of landslide processes and behaviour in response to sudden-onset landslide crisis events and emergencies across Canada
- Contribution to the reduction of risk in communities by outreach activities designed to increase awareness of landslide hazard and mitigative strategies in the general public, and the planning and geoscience communities

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For more information, visit this Website
<http://www.landslides.nrcan.gc.ca>

