

# Partnerships for Reducing Landslide Risk - Assessment of the National Landslide Hazards Mitigation Strategy

National Academy Press - An integrated approach for evaluating the effectiveness of landslide risk reduction in unplanned communities in the Caribbean

**2.2.14 Risk Management**  
Risk Management is defined in the AS/NZS 4360 as "the systematic application of management policies, procedures and practices to the tasks of identifying, analysing, assessing, treating and monitoring risk."

RISK MANAGEMENT	
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Table 2.4. Qualitative risk assessment terminology for Magnitude, Probability, Hazard, Vulnerability and Specific Risk (AS/NZS 4360:1999). For property loss, not loss of life.

**2.3 DEFINITION OF BASIC PRINCIPLES**

**2.3.1 Landslide Hazard Zonation and Hazard Assessment**  
Landslide Hazard Zonation applies generally to the division of the land surface into

Description: -

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Notes: -

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## Front Matter

In this Chapter, I discuss landslide susceptibility zoning, whereas landslide hazard modelling will be dealt with in § 7.

## Landslide Risk Assessment

Thompson, Department of Geophysics emeritus, Stanford University, California Although the reviewers listed above have provided many constructive comments and suggestions, they were not asked to endorse the conclusions or recommendations nor did they see the final draft of the report before its release. In this chapter, after a brief review of the relevant literature, I present concepts and definitions useful for landslide risk assessment, including a discussion of the differences between quantitative probabilistic and qualitative heuristic approaches. GRAHAM, New Mexico Interstate Stream Commission, Albuquerque V.

## Tier

Despite the indisputable importance of landslide risk evaluation for decision making, comparatively little efforts have been made to establish and systematically test methods for landslide risk assessment, and to determine their advantages and limitations. Information on elements at risk to landslides was mapped using GIS technique. Because it is UNCORRECTED material, please consider the following text as a useful but insufficient proxy for the authoritative book pages.

## Landslide Risk Assessment

D The Secretary of Homeland Security, National Academy of Sciences, Washington D.

**Partnerships for Reducing Landslide Risk: Assessment of the National Landslide Hazards Mitigation Strategy**

Assessing landslide risk is a complex and uncertain operation that requires the combination of different techniques, methods and tools, and the interplay of various expertises pertaining — among the others — to geology and geomorphology, engineering and environmental sciences, meteorology, climatology, mathematics, information technology, economics, social sciences and history. Elderly people and people with disabilities may require additional assistance. The simplified glossary presented in this chapter does not have the ambition of solving the problem.

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