

Paper Title: Assessment of consequence of landslides

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Abstract:

Consequence assessment is an important but less developed component of quantitative landslide risk assessment. This paper examines the factors affecting landslide consequence, discusses usual methods for assessing consequence scenarios and reviews tools for quantifying the likelihood of occurrence of the scenarios. It reviews examples of the methods and describes the generalized consequence model developed in Hong Kong to assess landslide consequence. The paper then illustrates the application of the model for both global and site-specific risk assessment, including the construction of an example F-N curve.