

# Analysis of Hydraulic Destruction of Fill Slope in Mountain Areas

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## Abstract

Rainfall-induced fill slope failures have been observed around the world indicating evidences of inadequacy for present slope stability analysis for storm condition. This paper proposes a simple and practical method to evaluate the potential of hydraulic destruction of fill slopes upon wetting. The usefulness of this method was illustrated by comparing the results with an actual case of failure. It was found to give rational results that compare reasonably well with those observed in the field.

Keyword : Hydraulic Destruction, Fill, Slope, Mountain Areas