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Failure can occur as slides, cracks and slope movement. Erosion control is intended to provide surface slope stability to protect the



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face of the slope and to strengthen portions of the slope below the surface by interlocking soil particles with a complex matrix of roots. There are differences between stabilization and erosion control.

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The method chosen for  
improving slope stability  
depends on many factors,  
including type or projected

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type of slope failure, soil characteristics and site constraints. Frequently, more than one mitigation technique is

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are based on the limit  
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The limit equilibrium method is one of the commonly used methods for 2 D slope stability analysis due to its simplicity in nature by researchers across various fields (Abramson et al. 2002).

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