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been learned about
the shear strength of
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Despite the abundance of studies on strength attenuation of rock-soil mass, few researchers have considered the time-dependent stability of landslide.

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stability of earth and rock-fill dams, embankments, excavated slopes, and natural slopes in soil and rock. Slope stability refers to the condition of inclined soil or rock slopes to withstand or undergo movement.

The stability

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condition of slopes is a subject of study and research in soil mechanics, geotechnical engineering and engineering geology. Analyses are generally aimed at understanding the cau

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is theoretically
proven that, open
excavations in
ordinary compacted
soil with vertical wall
can stand without
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supports provided
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Concurrently,
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(Gray, 1995). The frequency of slope failure tends to increase when trees are cut down and their roots decay. This gradual decay of interconnected root systems was the principal cause of

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Despite the
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