

LIMIT EQUILIBRIUM AS BASIS FOR DESIGN OF GEOSYNTHETIC REINFORCED SLOPES, CLOSURE

Jorge G. Zornberg,¹ Nicholas Sitar,² Members, ASCE, and James K. Mitchell,³ Honorary Member, ASCE

Abstract: Limit equilibrium methods have been extensively used as a basis for design of reinforced soil structures. This procedure has its limitations and may be considered as a simple approach. Only geostatic stress could be taken into consideration through these formulations. It has been shown that compaction-induced stresses may be the major contributor to reinforcement tension to depths of more than 6 m (Adib 1988; Ehrlich and Mitchell 1994; Dantas 1998). It is the discussers' intention to provide some insights on the role of compaction-induced stresses on reinforced soil behavior and its importance for design.

Full reference:

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