



Biotechnical and Soil Bioengineering Slope Stabilization: Practical Guide for Erosion Control (Hardback)

By Donald H. Gray, Robbin B. Sotir

John Wiley and Sons Ltd, United States, 1996. Hardback. Book Condition: New. 236 x 157 mm. Language: English . Brand New Book. The first comprehensive, practical guide to the selection, construction, and installation of soil bioengineering and biotechnical slope protection Here is the ultimate guide to physically attractive, environmentally compatible, and costeffective methods of protecting slopes from erosion and mass wasting. Lavishly illustrated with more than 150 photographs and supplemented with scores of charts and tables, this book covers the entire subject from general principles and background on the nature of soil erosion and mass movement to detailed information on root strengths, treatment selection, unit costs, critical tractive stresses, methods for harvesting and handling live cuttings, and more. Four illustrated case studies, each addressing a different set of problems and solutions, demonstrate both the application of particular technologies and the site investigation, planning, scheduling, and organization required to complete these projects successfully. This unique reference handbook Reviews the horticultural and engineering underpinnings for biotechnical and soil engineering treatments Documents and explains the role of woody plants in stabilizing slopes against both surficial erosion and mass movement Provides details on a broad range of soil bioengineering methods, including live staking, live...



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