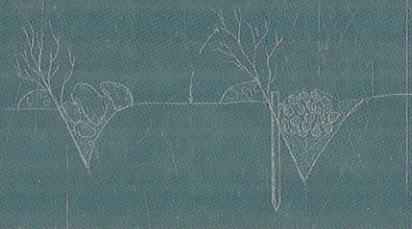
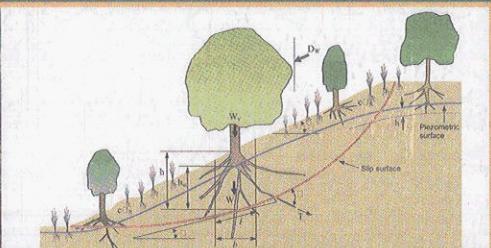


Joanne E. Norris · Alexia Stokes
Slobodan B. Mickovski
Erik Cammeraat · Rens van Beek
Bruce C. Nicoll · Alexis Achim
Editors

Slope Stability and Erosion Control: Ecotechnological Solutions



Springer

TABLE OF CONTENTS

| | | |
|----|---|-----|
| 1. | Introduction to Ecotechnological Solutions | 1 |
| | <i>A. Stokes, J.E. Norris and J.R. Greenwood</i> | |
| 2. | An Introduction to Types of Vegetated Slopes | 9 |
| | <i>J.E. Norris and J.R. Greenwood</i> | |
| 3. | Hillslope Processes: Mass Wasting, Slope Stability and Erosion | 17 |
| | <i>R. van Beek, E. Cammeraat, V. Andreu, S.B. Mickovski and L. Dorren</i> | |
| 4. | How Vegetation Reinforces Soil on Slopes | 65 |
| | <i>A. Stokes, J.E. Norris, L.P.H. van Beek, T. Bogaard, E. Cammeraat, S.B. Mickovski, A. Jenner, A. Di Iorio and T. Fourcaud</i> | |
| 5. | Hazard Assessment of Vegetated Slopes | 119 |
| | <i>J.E. Norris, J.R. Greenwood, A. Achim, B.A. Gardiner, B.C. Nicoll, E. Cammeraat and S.B. Mickovski</i> | |
| 6. | Species Selection for Soil Reinforcement and Protection | 167 |
| | <i>J.E. Norris, A. Di Iorio, A. Stokes, B.C. Nicoll and A. Achim</i> | |
| 7. | Ecotechnological Solutions for Unstable Slopes: Ground Bio- and Eco-engineering Techniques and Strategies | 211 |
| | <i>V. Andreu, H. Khuder, S.B. Mickovski, I.A. Spanos, J.E. Norris, L.K.A. Dorren, B.C. Nicoll, A. Achim, J.L. Rubio, L. Jouneau and F. Berger</i> | |
| 8. | Ecotechnological Solutions for Slope Stability: Perspectives for Future Research | 277 |
| | <i>A. Stokes</i> | |
| | Index | 283 |