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Chapter 24 Characteristics of Soft Peats, Organic Soils and Clays, Colombo-Katunayake Expressway, Sri LankaChapter 25 Treatment of Metastable Loess Soils: Lessons from Eastern Europe; Theme 4 Modification by Geosynthetic and other Inclusions; Chapter 26 The Use of Alternative and Improved Construction Materials and Geosynthetics in Pavements; Chapter 27 Case Histories of Embankments on Soft Soils and Stabilisation with Geosynthetics: Canadian Experience; Chapter 28 Ground Improvement with Geotextile Reinforcements; Chapter 29 Bridge Abutment Made of Cement-Mixed Gravel Back-Fill
Chapter 30 A Multi-Tier Mechanically Stabilized Soil Wall - Field Performance And Numerical Modelling

Sommario/riassunto

The first book of its kind, providing over thirty real-life case studies of ground improvement projects selected by the worlds top experts in ground improvement from around the globe. Volume 3 of the highly regarded Elsevier Geo-engineering book series coordinated by the Series Editor: Professor John A Hudson FREng. An extremely reader friendly chapter format.Discusses wider economical and environmental issues facing scientists in the ground improvement.Ground improvement has been both a science and art, with significant d