

1. Record Nr.	UNINA9910456243403321
Titolo	Ground improvement and geosynthetics [[electronic resource]] : proceedings of the GeoShanghai 2010 International Conference, June 3-5, 2010, Shanghai, China // edited by Anand Puppala ... [et al.]
Pubbl/distr/stampa	Reston, VA, : American Society of Civil Engineers, c2010
ISBN	1-62870-591-4 0-7844-7347-1
Descrizione fisica	1 online resource (391 p.)
Collana	Geotechnical special publication ; ; 207
Altri autori (Persone)	PuppalaAnand J
Disciplina	624.151363
Soggetti	Soil stabilization Geosynthetics Earthwork - Materials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Contents""; ""Keynote Lecture Paper""; ""Durability of Cement Treated Clay with Air Foam Used in Water Front Structures""; ""Ground Improvement""; ""An Economical, Practical, and Environmental Friendly Surcharge Preloading Method to Improve Soft Ground of Municipal Road""; ""Estimation of Strength Gain Due to Consolidation""; ""Numerical Study on the Deformation and Failure of Reinforced Sand Retaining Walls Subjected to the Vertical Load""; ""Development of Reinforced Soil Structure with Pile Foundation: Piled Geo-Wall"" ""Limit Analysis of Reinforced Soil Slopes Based on Composite Reinforcement Mechanism""""Comparison of Performance between Cross Shaped and Conventional Deep Mixed Columns for Three-Layered Soft Ground Improvement under Embankment Load""; ""A New Method for Settlement Calculation of Long-Short Piles Combined Composite Foundation""; ""Experimental Study on Vertical Bearing Behavior of Composite Foundation with Tapered Rigid Pile""; ""Implementation of Optimized Soil Improvement Techniques for a Giga Project""; ""Experimental Study on Shear Strength Behavior of Shredded Tyre-Reinforced Sand""

""Numerical Analysis of Lateral Behavior of Rigid Piles to Support Embankments""""Settlement Behavior of Highway Transition Sections on Soft Clay Foundation""; ""Consolidating Dredge Soil by Combining Vacuum and Dynamic Compaction Effort""; ""Chemical Modification Methods""; ""Optimization of Deep Mixed Shear Walls for Stabilization of a Pile-Supported Flood Wall on Level Ground""; ""Heavy Structures Supported by Soil-Cement Columns""; ""Mechanical Properties of Used Tire Granulates, Sand, and Cement Mixtures""; ""Fly Ash As a Dispersing Material in Cement Stabilization""
""Strength Characteristics of a Local Red Soil Blended with Class F Fly Ash and Cement""""Mechanical Behavior of Compacted Geomaterial Changed from the Dredged Soil in Nagoya Port by Mixing with Some Stabilizers""; ""Effects of Organics on Stabilized Expansive Subgrade Soils""; ""Application of Gypsum Waste Plasterboard and Waste Plastic Trays to Enhance the Performance of Sandy Soil""; ""Effect of Placement Water Content on Strength of Temperature Cured Lime Treated Expansive Soil""; ""Utilization of Shredded Rubber Tires for Cement-Stabilized Soft Clays""; ""Other Modification Methods""
""Analysis on Load Transfer for Single Pile Composite Foundation under Embankments Based on Elastic Theory""""A Review of the Settlement of Stone Columns in Compressible Soils""; ""Field Test and Numerical Analysis on Performance Upgrade of Existing Rockfall Protection Fence by Using High Energy Absorption Net""; ""Numerical Modelling for Ground Improvement of Batter Micropiles on Liquefiable Soils""; ""Slope Stability Analysis for Embankment on Wash Pond Sediments with Prefabricated Wick Drains and Staged Construction""
""Bridge Approach Settlements: Lessons Learned from Present Case Studies and Ground Improvement Solutions""
