

1. Record Nr.	UNINA990000278670403321
Autore	Gnanadesikan, R.
Titolo	Methods for Statistical Data Analysis of Multivariate Observations / R. Gnanadesikan
Pubbl/distr/stampa	New York : Wiley & Sons, 1977
Descrizione fisica	X,311 p., 24 cm
Collana	Wiley series in probability and mathematical statistics
Disciplina	519
Locazione	DINCH
Collocazione	04 031-51
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9911004843703321
Titolo	Ground improvement and geosynthetics : 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
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.

""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""

Proceedings of sessions of GeoShanghai 2010, held in Shanghai, China, June 3-5, 2010. Hosted by Tongji University, China; Shanghai Society of Civil Engineering, China; Chinese Institution of Soil Mechanics and Geotechnical Engineering, China. In cooperation with Alaska University Transportation Center, USA; Geo-Institute of ASCE, USA; Deep Foundation Institute, USA; East China Architectural Design and Research Institute Company, China; Georgia Institute of Technology, USA; Nagoya Institute of Technology, Japan; Transportation Research Board, USA; University of Newcastle, Australia; University of Illinois at Urbana-Champaign, USA; University of Kansas, USA; University of Tennessee, USA; Vienna University of Natural Resources and Applied Life Sciences, Austria. This Geotechnical Special Publication contains 48

papers presenting the most current research on ground improvement and geosynthetics. Topics include: ground improvement, especially with regard to unstable ground; soft soils; expansive soils; collapsible soils; reclaimed soils; contaminated soils; and others. Papers analyze improvement methods including mechanical and hydraulic methods, chemical stabilization methods in both shallow and deep ground, and reinforcement methods using geosynthetics.
