1. Record Nr. UNINA9910797961503321

Titolo	Deformation characteristics of geomaterials : proceedings of the 6th International Symposium on Deformation Characteristics of Geomaterials, IS-Buenos Aires 2015, 15-18 November 2015, Buenos Aires, Argentina / / edited by Victor A. Rinaldi, Marcelo E. Zeballos, Juan Jose Claria
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ISBN	1-61499-601-6
Descrizione fisica	1 online resource (1236 p.)
Collana	Advances in Soil Mechanics and Geotechnical Engineering, , 2212-7828 ; ; Volume 6
Disciplina	624.15136
Soggetti	Soils - Plastic properties Shear strength of soils Soil mechanics
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 indexes.
Nota di contenuto	Title Page; Preface; Conference Organization; Contents; Bishop Lecture and Plenary Lecture; Advanced Testing and Modelling of Granular Materials with and Without Viscous Glue: Research and Practical Implication - The Third Bishop Lecture; Compaction Characteristics and Physical Properties of Compacted Soil Controlled by the Degree of Saturation; Keynote Lectures; Rockfill Mechanics. Experimental Observations and DEM Modelling; Limitations of a Critical State Framework Applied to the Behaviour of Natural and ""Transitional"" Soils Shear Strength and Stiffness Anisotropy of Geologically Aged Stiff ClaysMeasurement and Application of Shear Wave Velocity to Various Geotechnical Problems; Hydro-Mechanical Behaviour of Shales; Improved Laboratory Techniques for Advanced Geotechnical Characterization Towards Matching in Situ Properties; Reviewed Papers; Behavior of Compacted Unsaturated Soil in Isotropic Compression,

Cyclic and Monotonic Shear Loading Sequences in Undrained Condition; Influence of Initial Stress/Strain State on the Coefficient of Earth Pressure at Rest; Small Strain Modulus of Bio-Cemented Sand
Disk Transducer for Stiffness Measurement on Granular MaterialsExperimental Evaluation of Liquefaction Resistance of Unsaturated Sandy Soils; Development of Stacked-Ring Shear Apparatus for Multiple Liquefactions Tests; Effects of Inherent Anisotropy on Deformation and Strength Characteristics of a Reconstituted Sand; Element Tests on Lumpy Inhomogeneous Soil and Their Interpretation; Dynamic Shear Modulus of Kaolin-Silt Clay Using a Novel Technique; Study of the Mechanical Behavior of Unsaturated Argillaceous Rocks; Effect of Cement Type on the Mechanical Behavior of Fiber Reinforced Sands
Relationship Between Undrained Shear Strength and Shear Wave Velocity for ClaysDevelopment of Large Size Disk Transducer to Evaluate Elastic Properties of Coarse Granular Materials; Assessment of Shear Modulus by Different Seismic Wave-Based Techniques; In Situ and Laboratory Mechanical Characterization Using High-Resolution Fiber Optic Distributed Sensing; Experimental Investigation of Wave Propagation in Three Dimensions in Unbounded Particulate Assemblies; Frequency Domain Method in Bender Element Testing - Experimental Observations
An Alternative Shear Strength Test for Saturated Fine-Grained Soils: Preliminary ResultsInfluence of Grading and Mineralogy on the Behaviour of Saprolites; Towards the Measurement of Fabric in Granular Materials With X-Ray Tomography; Observing Breakage in Sand Under Triaxial and Oedometric Loading in 3D; Early Age Cemented Paste Backfill Stiffness Development; Influence of Volumetric and Shear Strains on the Destructuration of Saprolitic Soils; Description and Calibration of Triaxial Tests with Internal Measurement of Displacement on Artificially Cemented Lateritic Soil
Studying Collapse Behaviour of Sandy Silt Under Generalised Stress Conditions

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Autore	Cooke Jennifer G.
Titolo	Africa's new energy producers : making the most of emerging opportunities / / Jennifer G. Cooke, David L. Goldwyn
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ISBN	1-4422-4062-8
Descrizione fisica	1 online resource (46 p.)
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Lingua di pubblicazione	Inglese
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Note generali	"A report of the CSIS Africa Program and the CSIS Energy and National Security Program January 2015."
Nota di contenuto	Africa's New Energy Producers ; Contents; Acknowledgments ; Executive Summary ; 1. Africa and the Changing Energy Landscape ; 2. U.S. Interests in Africa's Energy Future ; 3. Big Potential and Big Opportunities ; 4. Challenges for Investors, Producers, and Citizens ; 5. Best Practices and Models for Partnership ; 6. Recommendations for U. S. Policy ; 7. Conclusion ; About the Project Cochairs and Authors
Sommario/riassunto	Sub-Saharan Africa is on the verge of an energy boom. New discoveries off the East and West coasts have raised hopes of significant revenues that can accelerate poverty reduction and enhance Africa's status as a destination for industrial investment.