

1. Record Nr.	UNINA9910824870203321
Titolo	Geotechnical synergy in Buenos Aires 2015 : invited lectures of the 15th Pan-American Conference on Soil Mechanics and Geotechnical Engineering and the 8th South American Congress on Rock Mechanics, 15-18 November 2015, Buenos Aires, Argentina / / edited by Alejo O. Sfriso, Diego Manzanal, Ricardo J. Rocca
Pubbl/distr/stampa	Amsterdam, Netherlands ; ; Berlin, [Germany] ; ; Washington, District of Columbia : , : IOS Press, , 2015 Fairfax, Virginia : , : IOS Press, Inc., , [date of distribution not identified] ©2015
ISBN	1-61499-599-0
Descrizione fisica	1 online resource (488 p.)
Collana	Advances in Soil Mechanics and Geotechnical Engineering, , 2212-7828 ; ; Volume 5
Disciplina	624.151
Soggetti	Engineering geology 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; 15th PCSMG; Casagrande Lecture, Mercer Lecture, and Plenary Lectures; Tailings Dams and Hydraulic Fills. The 2015 Casagrande Lecture; Stabilization of Paved Roads Using Geosynthetics; Geomechanics in Shale Gas Development; TBM Performance, Prognosis and Risk Caused by Faulting; Keynote Lectures; Earthwork Optimization System for Sustainable Highway Construction; In-Situ Geocharacterization of Soils in the Year 2016 and Beyond; Principles of Sustainability and Their Applications in Geotechnical Engineering Geotechnical Modeling Across the ScalesDeep Foundations in Mexico City Soft Soils; Practical Implications of Gas-Water Interactions in Soils; Saprolitic Soils, Saprolites and Conglomerates as Construction Materials for Dams; Tunnels and Excavations: Evolution, Current Practices and Future; Consequences of Seismic Soil Liquefaction and State-of-Practice Evaluation Methods; Panelists' Papers; Panel Session on Energy Geo-Engineering; Hydraulic Fracturing of Unconventional

Reservoirs: Design and Evaluation; Fluidization in Geomaterials and
Geostructures: The Case of Fast Landslide Propagation
Porosity/Binder RatioTBM Pressure Models - Observations, Theory and
Practice; Development of Underground Constructions in Chile; 8th
SACRM; Keynote Lectures; Probabilistic Assessment of Uplift Pressure
Under Concrete Dams; The Analysis of Rock Cutting Processes
Employing Finite and Discrete Element Methods; Mining Method, Stope
Design and Mining Sequence for Inmaculada Mine; 6th ISDCG Plenary
Lecture; Compaction Characteristics and Physical Properties of
Compacted Soil Controlled by the Degree of Saturation; Subject Index;
Author Index
