1. Record Nr. UNINA9910437940503321

Titolo	New frontiers in engineering geology and the environment : proceedings of the International Symposium on Coastal Engineering Geology, ISCEG-Shanghai 2012 / / Yu Huang ...[et. al.], editors
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer, 2012, c2013
ISBN	1-283-63145-8 9786613943903 3-642-31671-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (297 p.)
Collana	Springer Geology, , 2197-9545
Altri autori (Persone)	HuangYu
Disciplina	551.54570
Soggetti	Engineering geology Environmental sciences
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	Co-seismic Fault Effects of Landslides Triggered by Wenchuan Ms 8.0 Earthquake, China -- Large Deformation Analysis for Costal Geo-Disasters Using Continuum and Discrete Modeling -- Seismic design of piles in liquefiable soils -- A New Method for Predicting Consolidation Settlement of Soft Ground Reinforced with Preloading Technique -- An approach to Identify A Linked Spatial Network for Large Mammal Conservation on Yellow Sea Coast -- Analysis of Waterfront Excavation Adjacent to Pile-supported Wharves -- Deformation Behavior of Braced Excavation and its Influence on Adjacent Piles -- Numerical Analysis on Deformation of Braced Excavation with Top-down Method -- Analysis of Engineering Geology Condition for Qingdao Tongan area -- Simulation of Tidal Flat Terrain Based on Landform Feature Lines of Tidal Basin -- Test and Control Methods for On-site Compaction of Fine Sand Subgrade on Coastal Regions -- Strength and Permeability of Biostabilized Sand -- Numerical Study on the Full-range Consolidation Characteristics of a New Dredger Fill Foundation -- Centrifuge Modeling of Embedment Effects on Eccentrically Loaded Shallow Foundation on Sand -- An Investigation on Stress-strain Relationship of on Eucalyptus saligna by Pull-out Method Based on Regression Analysis -- Detection of Submerged Sand Bars in the Ebro Delta Using

ASTER Images -- A Brief Review of Actual Dune Dynamics Modeling: Applicability to El Fangar Dune System (Ebro Delta-Spain) -- Transportation of Huanghe River-Discharged-Suspended Sediments in nearshore of Huanghe River Delta in Conditions of Different Estuary Channels -- 3D Sediment Physical Model Test Study for PLTU 2 JATENG 1x660MW ADIPALA, CILACAP, INDONESIA -- Compression Behaviors of Marine Clay for Coastal Reclamation in Dalian, China -- Numerical Modeling of Tidal Effects on Groundwater in the Coastal Aquifer of Donghai Island -- Engineering Geological Assessment of the Anzali Coastal Region (North Iran, South Caspian Coast) to Sustain Urban Planning and Development -- Evaluation of Engineering Geological Condition in Shanghai Coastal Area -- Study of Optimum Building Spacing of Dense High-rise Building Group in Shanghai Based on Centrifugal Model Test -- THM Simulation for Real-Scale Field Test -- Cluster Analysis for Orientation Data Using DifFUZZY Method -- Research Progress and Trend of Geotechnical Environmental Problems in Large-scale Reclamation Projects -- Change Law of Vane Shear Strength of Soft Soil with Depth in Coastal City -- The bearing capacity of flexible piles under combined loads in dense sand -- Foundation Design Challenges at Hunter Expressway Alliance Project in Australia -- Analytical Solutions for Three-dimensional Stability of Coastal Slope -- NCEER Method and Application of an Embankment Slope with Liquefaction Problem in Coastal Area -- Low-Order Lateral Buckling Analysis of Submarine Pipeline under Thermal Stress -- DEM coupled SMAC simulation on the Moving process of Flow like Landslide -- Risk Assessment for Coal Mining Under Sea Area -- Potential of Using Remote Sensing Data for Dike Inspection -- Experimental Investigation for Water Flowing Fractured Zone Due to Coal Mining Under Sea Area -- Geodisasteres Prevention and Reinforcement of the Sea Coast in Primorsko Town in Bulgaria K. A. Anguelov -- Alluvial Risk in The Costal Plain of Pesaro City, Northern Marche (Italy) -- Analysis of the Carbon Monoxide Released law Caused by Shield Construction in Shallow Stratum in Sea Reclamation District -- Numerical Simulation of Seismic Responses of Asymmetric-Plan Reinforced Concrete Frame With Brbs -- Seismic Analysis of Geosynthetic-reinforced Quay-wall Structure -- Shape Effect on Active Earth Pressure against a Sheet Pile Wall with Different Displacement Modes -- Atlant” Anchor Pile Technology and Capacity Experimental Results -- Statistical Prediction of Overburden Failure due to Coal Mining under Sea Area -- Numerical Analysis for the Stability of Over-length Trench Wall Based on a Novel Pre-supporting Excavation Method -- Estimating the Effects of Shield Tunnelling on Buried Pipelines Based on a Kerr Foundation Model -- Depositional History and Geotechnical Properties of Shanghai Clays -- On the Using of Deformation Rates as Stability Control Parameters of PVD-Treated Soft Ground -- Application of Improved Vacuum Preloading Method in Tianjin Lingang Industrial Zone -- Observations on the New Trace of Quaternary Glacial Epoch in the Yangtze Three Gorges Area -- Strengths of Unsaturated Silty Clay Used as Garden Hill Fill in Shanghai.

Sommario/riassunto

"New Frontiers in Engineering Geology and the Environment" collects selected papers presented at the International Symposium on Coastal Engineering Geology (ISCEG-Shanghai 2012).These papers involve many subjects – such as engineering geology, natural hazards, geoenvironment and geotechnical engineering – with a primary focus on geological engineering problems in coastal regions. The proceedings provide readers with the latest research results and engineering experiences from academic scientists, leading engineers and industry researchers who are interested in coastal engineering

geology and the relevant fields. Yu Huang works at the Department of Geotechnical Engineering, Tongji University, China. Faquan Wu works at the Institute of Geology and Geophysics, Chinese Academy of Science, China and he is also the Secretary General of the International Association for Engineering Geology and the Environment. Zhenming Shi works at the Department of Geotechnical Engineering, Tongji University, China. Bin Ye works at the Department of Geotechnical Engineering, Tongji University, China. .