Record Nr. UNINA9910456248703321 Deep foundations and geotechnical in situ testing [[electronic resource] **Titolo** 1: proceedings of the GeoShanghai 2010 International Conference, June 3-5, 2010, Shanghai, China / / edited by Robert Y. Liang, Feng Zhang, Ke Yang Pubbl/distr/stampa [Reston, VA], : American Society of Civil Engineers, 2010 **ISBN** 1-68015-597-0 0-7844-7345-5 Descrizione fisica 1 online resource (407 p.) Collana Geotechnical special publication;; no. 205 Altri autori (Persone) LiangRobert Y ZhangFeng <1959-> YangKe <1978-> Disciplina 624.15 Soil mechanics Soggetti Soils - Testing **Deformations (Mechanics)** 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. ""Cover""; ""Contents""; ""Keynote Paper""; ""Bearing Capacity and Nota di contenuto Deformation Characteristics of Uplift Piles in Soft Ground"": ""Section 1: Piled Raft System and Soil-Structure Interaction""; ""Settlement and Load Sharing of Piled Raft of a 162 m High Residential Tower"; ""Effect of Pile Configuration and Load Type on Piled Raft Foundations Performance""; ""A Study on Time-Effects of Piled Raft System by Using Computational Methods""; ""Structural Characteristics and Design Technical Keys of Wind Turbine Foundation in Shanghai Donghai-Bridge Offshore Wind Farm"" ""Coupled Foundation-Superstructure Analysis and Influence of Building Stiffness on Foundation Response"""Observation of Pile-Soil-Interaction during Cyclic Axial Loading Using Particle Image Velocimetry""; ""Analysis of Bridge Response Considering Water-Soil-Pile-Structure Interaction under a Scoured Condition""; ""Nonlinear

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""Numerical Simulation Study on Use of Groove in Controlling Compacting Effects of Jacked Pile""