Record Nr. UNINA9910462841303321 Titolo Ground improvement / / edited by Klaus Kirsch and Alan Bell Boca Raton:,: CRC Press,, 2013 Pubbl/distr/stampa **ISBN** 0-429-21321-2 1-62870-785-2 1-136-88138-7 0-203-83897-1 Edizione [3rd ed.] Descrizione fisica 1 online resource (507 p.) KirschKlaus Altri autori (Persone) BellA. L 624.1/51363 Disciplina 624.151363 Soggetti Grouting Soil consolidation Soil stabilization Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Cover; Contents; Preface; Editors; Contributors; Chapter 1 -Introduction and background; Chapter 2 - Deep vibro techniques; Chapter 3 - Dynamic compaction; Chapter 4 - Prefabricated vertical drains; Chapter 5 - Permeation grouting; Chapter 6 - Jet grouting; Chapter 7 - Soilfracture grouting; Chapter 8 - Compaction grouting; Chapter 9 - In-situ soil mixing; Chapter 10 - Dry soil mixing; Back Cover Sommario/riassunto When finding another location, redesigning a structure, or removing troublesome ground at a project site are not practical options, prevailing ground conditions must be addressed. Improving the ground-modifying its existing physical properties to enable effective, economic, and safe construction-to achieve appropriate engineering performance is an increasingly successful approach. This third edition of Ground Improvement provides a comprehensive overview of the major ground improvement techniques in use worldwide today. Written by recognized experts who bring a wealth of kn