

1.	Record Nr.	UNIORUON00269544
	Titolo	Biblioteche d'Italia : le biblioteche pubbliche statali / [ideazione Francesco Sicilia]
	Pubbl/distr/stampa	538 p., : [22] c. di tav., : ill. ; 28 cm
	Edizione	[Roma : Ministero per i Beni Culturali e Ambientali]
	Descrizione fisica	In testa al front.: Ministero per i Beni Culturali Ambientali. Ufficio Centrale per i Beni Librari e gli Istituti Culturali
	Disciplina	027.50945
	Soggetti	BIBLIOTECHE STATALI - Italia
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910953616903321
	Titolo	Shaking the foundations of geo-engineering education / / editors, Bryan McCabe, National University of Ireland, Galway, Ireland, Marina Pantazidou, National Technical University of Athens, Greece, Declan Phillips, University of Limerick, Ireland
	Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2012
	ISBN	1-136-18278-0 0-415-62127-5
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (331 p.)
	Disciplina	624.1/51 624.151
	Soggetti	Engineering geology - Study and teaching (Higher)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Proceedings of the International Conference Shaking the Foundations of Geo-engineering Education, 4-6 July 2012, Galway, Ireland."
	Nota di bibliografia	Includes bibliographical references.

Front Cover; Table of Contents; Preface; Organisation; Keynote Lectures; What should geotechnical professionals be able to do?; Engineering education: A tale of two paradigms; Quandary in geomaterial characterization: New versus the old; Using questioning to enhance student engagement; Equilibrium, strength, strain, dilation and superposition; What topics should be taught in geo-engineering courses?; Key skill sets for use in geotechnics - a contractor's view; Will this be on the final exam? Learning objectives for an introductory geotechnical engineering course

Geotechnical-structural integration in US foundation engineering curricula

Geotechnical engineering education - removing the barriers; Geo-engineering: A co-production of applied earth sciences and civil engineering - 2nd phase; Rethinking aspects of theory and tradition in soil mechanics teaching; The use of case histories in geo-engineering education; The use of case histories to encourage reflection by civil engineering design students; Teaching the importance of engineering geology using case histories; Use of case studies in geotechnical courses: Learning outcomes and suitable cases

Laboratory work in geo-engineering

The use of online resources to support laboratory classes in soil mechanics; Soil mechanics laboratory classes as an integral part of the learning process; Interactive learning modules in geotechnical engineering; Reinventing geotechnical engineering laboratory classes; Activities to enhance students' understanding of pore water pressure, seepage and total head; Fieldwork work in geo-engineering; The BMG ignimbrite quarry: Case study of an undergraduate field exercise in engineering geology; The use of field visits in graduate geotechnical teaching

TU Delft Spain fieldwork and other outdoor activities

Computing and technology in geo-engineering; Dunmore Bridge case study: An introduction to geotechnical engineering via finite element analysis; Integrating a major Excel exercise in an introductory soil mechanics course; The use of electronic voting systems to enhance deep learning; Implementation of the use of computing and software in undergraduate Soil Mechanics courses; Learning issues related to basic concepts in geotechnics: A teacher's perspective; Geo-engineering research and teaching experiences

The LARAM School: teaching, "LAndslide Risk Assessment and Mitigation" to PhD students

Challenges in teaching engineering to the next generation: Some data from a geo-engineering perspective; Lecturers' perceptions of students' learning needs in geo-engineering in Spain; A tour through education sites for an engineering instructor: Major stops and impressions; Intellectual synergy in the education of geo-engineering; Student-centred learning in geo-engineering; Teaching geotechnical engineering with theory-practice integration: Group project approach

Use of project based learning to teach geotechnical design skills to civil engineering students

Sommario/riassunto

This book comprises the proceedings of the international conference Shaking the Foundations of Geo-engineering Education (NUI Galway, Ireland, 4-6 July 2012), a major initiative of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) Technical Committee (TC306) on Geo-engineering Education. SFGE 2012 has been carefully crafted to showcase a diversity of effective and engaging approaches to geo-engineering education while raising awareness of how crucial this effort is to the future development of the engineering profession. The five keynote papers were ch