

1. Record Nr.	UNINA9910492148703321
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Titolo	Advancements in Geotechnical Engineering : Proceedings of the 6th GeoChina International Conference on Civil & Transportation Infrastructures: From Engineering to Smart & Green Life Cycle Solutions -- Nanchang, China, 2021 / / edited by Meng-Chia Weng, Shima Kawamura, Jianwen Ding
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-79798-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (127 pages)
Collana	Sustainable Civil Infrastructures, , 2366-3413
Disciplina	624.151
Soggetti	Engineering geology Geoengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Large-scale 3D random finite element analysis of embankment seepage stability -- Chapter 2. River levees monitoring using three dimensional laser point clouds with SLAM technology -- Chapter 3. 3D modelling of pervious pile supported embankment under consolidation process -- Chapter 4. Seismic response and fragility estimates of highway bridges considering various modeling uncertainty parameters -- Chapter 5. Considerations of vertical acceleration induced by horizontal earthquake record for a building with underground stories based on a SSI 3D model -- Chapter 6. Tip post-grouting using smart cells at Urubó bridge - premobilization and improvement of end resistance -- Chapter 7. Analysis on the influence of rainfall characteristics on the stability of granite residual soil slope -- Chapter 8. Development & field testing of geocomposite cellular mats to minimise the ground movements of highway embankments founded on peat ground -- Chapter 9. Study on response of dual layered reinforced stone column under shear loading.
Sommario/riassunto	With increasing urbanization and development of society, advancement in geotechnical technologies is essential to the construction of infrastructures. Geotechnical Investigation is the first step of applying

scientific methods and engineering principles to obtain solutions to civil engineering problems. The studies presented in this volume deal with the attempts made by scholars and engineers to address the latest development in geotechnical engineering such as characterization of geomaterials, slope stability, tunneling, mitigation of geohazards, and some other geotechnical issues that are quite relevant in today's world. This volume is based on contributions to the the GeoChina International Conference on Civil & Transportation Infrastructures: From Engineering to Smart & Green Life Cycle Solutions -- Nanchang, China, 2021.
