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| Descrizione fisica | 1 online resource (170 pages) : illustrations (some color), tables, photographs |
| Collana | Sustainable Civil Infrastructures, , 2366-3413 |
| Disciplina | 691.0286 |
| Soggetti | Geotechnical engineering Engineering geology Buildings - Design and construction Engineering design Geotechnical Engineering and Applied Earth Sciences Geoengineering Building Construction and Design Engineering Design |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Active earth pressure on retaining walls with unsaturated soil backfill -- Effect of geofoam inclusion on deformation behaviour of buried pipelines in cohesive soils -- Response of Strip Footing Adjacent to Nonyielding Basement Wall -- 3D Modeling of EPS Geofoam Buffers behind Diaphragm Walls -- A Case Study of Efficient Solution for Very High Geogrid-reinforced Retaining Wall. |
| Sommario/riassunto | This volume contains research articles that cover a wide range of topics related to ground improvement and subsurface structures. Selected papers represent the state-of-the-art in the analysis and design of reinforced retaining walls, diaphragm walls and buried pipes. In addition, topics related to ground improvement using vacuum |

consolidation and deep mixing techniques are also included. This volume is part of the proceedings of the 1st GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2017.
