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| Soggetti | Geotechnical engineering Engineering geology Engineering—Geology Foundations Hydraulics Buildings—Design and construction Building Construction Engineering, Architectural Engineering design Geotechnical Engineering & Applied Earth Sciences Geoengineering, Foundations, Hydraulics Building Construction and Design Engineering Design |
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| 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.
