

1. Record Nr.	UNINA9910983494403321
Titolo	Recent Advances and Innovative Developments in Transportation Geotechnics : Keynote Volume ICTG 2024 // edited by Buddhima Indraratna, Cholat Chai Rujikiatkamjorn
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9782-45-7
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (242 pages)
Disciplina	624.151
Soggetti	Engineering geology Geotechnical engineering Transportation engineering Traffic engineering Geoengineering Geotechnical Engineering and Applied Earth Sciences Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Bio-cementation for Ground Improvement with Special Reference to Transportation Infrastructure -- Chapter 2: Installation Effects on the Capacity of Open-Ended and Closed-Ended Pipe Piles -- Chapter 3: AN INTEGRATED FRAMEWORK FOR COMPREHENSIVE EVALUATION OF SUSTAINABILITY IN TRANSPORTATION GEOTECHNICS -- Chapter 4: AI based Ballasted track GPR application and development -- Chapter 5: The Importance of Rock Mass Characterization for Rock Socketed Foundations -- Chapter 6: Recent Advances in the Use of Artificial Intelligence for Rigid Airfield Pavement Analysis and Design -- Chapter 7: Shear and Hydraulic Behavior of Compacted Foamed Glass Aggregates for Transportation Earthworks -- Chapter 8: Unsaturated soil mechanics in engineering practice -- Chapter 9: SEISMIC RESPONSE OF TUNNELS IN SOFT SOIL – CURRENT STATUS AND FUTURE PROSPECTS -- Chapter 10: A 10-Year Research on Sustainable Pavement Materials. etc.
Sommario/riassunto	The book will contain the collection of keynote and invited papers of

