

1. Record Nr.	UNINA9910483272803321
Titolo	Seismic Design and Performance : Select Proceedings of 7th ICRAESEE 2020 // edited by T.G. Sitharam, Raghuveer Rao Pallepati, Sreevalsa Kolathayar
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Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xiv, 411 pages) : illustrations
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 120
Disciplina	624.1762
Soggetti	Engineering geology Geotechnical engineering Natural disasters Soil science Geoengineering Geotechnical Engineering and Applied Earth Sciences Natural Hazards Soil Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	A Critical Review on Design Philosophies of Different Design Standard on Seismic Soil Structure Interaction -- A Critical Review of Indian Seismic Codes for Buildings in the Light of International Codes of Practice -- An Application to the Conditional Mean Spectrum Approach for Seismic Analysis of the Coupled Dam-Foundation System -- Tsunami Resilient Foundation for Breakwater: Centrifuge Model Tests -- Comparative Study on Behavior of Vertical and Batter Piles in Lateral Spreading Soil -- Influence of Different Seismic Loading on Two Closely Spaced Strip Footings Embedded in Cohesionless Foundation Medium -- Experimental Analysis of Seismic Cloak Foundation by Using Elastoplastic Material -- Effect of Near-Fault Vertical Ground Motions on the Seismic Response of Bridges with Rocking Foundations -- Effect of Composite Pile Foundation System on the Behaviour of Soft Ground -- Study on Pull-Out Resistance of Single Belled Anchor in Layered Sand and Soft Silty-Clay Deposits: Model Tests and Numerical

Modelling.

Sommario/riassunto

This volume presents select papers presented at the 7th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics. The papers discuss advances in the fields of soil dynamics and geotechnical earthquake engineering. Some of the themes include seismic design of deep & shallow foundations, soil structure interaction under dynamic loading, marine structures, etc. A strong emphasis is placed on connecting academic research and field practice, with many examples, case studies, best practices, and discussions on performance based design. This volume will be of interest to researchers and practicing engineers alike. .

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Classificazione

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Soggetti

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surgeries (health facilities)

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