

1. Record Nr.	UNINA9910627236903321
Titolo	Theory and Practice in Earthquake Engineering and Technology / / edited by T. G. Sitharam, Sreevalsa Kolathayar, Ravi S. Jakka, Vasant Matsagar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-2324-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (375 pages)
Collana	Springer Tracts in Civil Engineering, , 2366-2603
Disciplina	624.1762
Soggetti	Engineering geology Buildings - Design and construction Fire prevention Buildings - Protection Geoengineering Building Construction and Design Fire Science, Hazard Control, Building Safety
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction to Earthquake Engineering and Technology -- Performance Based Seismic Design of Structures -- Seismic Hazard Assessment -- Relevance of Site Effect in Earthquake Resistant Construction -- Seismic microzonation studies in India -- Engineering Preparedness for Earthquake Disaster Mitigation.
Sommario/riassunto	This book contains diverse topics relevant to earthquake engineering and technology. The chapters are of interest to readers from various disciplines, as the different chapters discuss popular topics on earthquake engineering and allied disciplines. The chapters have adequate illustrations and tables for clarifying underlying concepts. The reader can understand the fundamental concepts easily, and the book is highly useful for practice in the field in addition to classroom learning.