

1. Record Nr.	UNINA9910964121803321
Titolo	Living on an active earth : perspectives on earthquake science // Committee on the Science of Earthquakes, Board on Earth Sciences and Resources, Division on Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2003
ISBN	9786610185863 9780309169097 0309169097 9781280185861 1280185864 9780309506311 030950631X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (430 p.)
Disciplina	551.22/07/2073
Soggetti	Seismology - Research Earthquake hazard analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	FrontMatter -- Preface -- Contents -- 1 The Challenge of Earthquake Science -- 2 Rise of Earthquake Science -- 3 Facing the Earthquake Threat -- 4 Observing the Active Earth: Current Technologies and the Role of the Disciplines -- 5 Earthquake Physics and Fault-System Science -- 6 Research Opportunities and Requirements -- 7 Summary -- APPENDIX A Major Federal Earthquake Programs -- APPENDIX B Acronyms and Abbreviations -- Index.
Sommario/riassunto	The destructive force of earthquakes has stimulated human inquiry since ancient times, yet the scientific study of earthquakes is a surprisingly recent endeavor. Instrumental recordings of earthquakes were not made until the second half of the 19th century, and the primary mechanism for generating seismic waves was not identified until the beginning of the 20th century. From this recent start, a range of laboratory, field, and theoretical investigations have developed into a

vigorous new discipline: the science of earthquakes. As a basic science, it provides a comprehensive understanding of earthquake behavior and related phenomena in the Earth and other terrestrial planets. As an applied science, it provides a knowledge base of great practical value for a global society whose infrastructure is built on the Earth's active crust. This book describes the growth and origins of earthquake science and identifies research and data collection efforts that will strengthen the scientific and social contributions of this exciting new discipline.

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