

1. Record Nr.	UNINA9910955043503321
Titolo	Origin and evolution of earth : research questions for a changing planet // Committee on Grand Research Questions in the Solid-Earth Sciences, 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 Academy of Sciences, c2008
ISBN	9786611767297 9780309134309 0309134307 9781281767295 1281767298 9780309117180 0309117186
Edizione	[1st ed.]
Descrizione fisica	1 online resource (151 p.)
Disciplina	551
Soggetti	Geodynamics - History Earth (Planet) History Earth (Planet) Origin
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	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Summary""; ""1 Origins""; ""2 Eartha€™s Interior""; ""3 A Habitable Planet""; ""4 Hazards and Resources""; ""References""; ""Appendix A: Biographical Sketches of Committee Members""; ""Appendix B: Acronyms and Abbreviations""
Sommario/riassunto	Questions about the origin and nature of Earth and the life on it have long preoccupied human thought and the scientific endeavor. Deciphering the planet's history and processes could improve the ability to predict catastrophes like earthquakes and volcanic eruptions, to manage Earth's resources, and to anticipate changes in climate and geologic processes. At the request of the U.S. Department of Energy, National Aeronautics and Space Administration, National Science

Foundation, and U.S. Geological Survey, the National Research Council assembled a committee to propose and explore grand questions in geological and planetary science. This book captures, in a series of questions, the essential scientific challenges that constitute the frontier of Earth science at the start of the 21st century.
