

1. Record Nr.	UNINA9910957993103321
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Titolo	The earthquake observers : disaster science from Lisbon to Richter // Deborah R. Coen
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 2012
ISBN	9781283733281 1283733285 9780226111834 0226111830
Edizione	[1st ed.]
Descrizione fisica	1 online resource (358 p.)
Disciplina	551.209/034
Soggetti	Earthquakes - Observations - History - 19th century Seismology - History
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 and index.
Nota di contenuto	Frontmatter -- Contents -- ONE. The Human Seismograph -- TWO. The Planet in the Village: Comrie, Scotland, 1788-1897 -- THREE. News of the Apocalypse -- FOUR. The Tongues of Seismology: Switzerland, 1855-1912 -- FIVE. Geographies of Hazard -- SIX. The Moment of Danger -- SEVEN. Fault Lines and Borderlands: Imperial Austria, 1880-1914 -- EIGHT. What Is the Earth? -- NINE. The Youngest Land: California, 1853-1906 -- TEN. A True Measure of Violence: California, 1906-1935 -- Conclusion -- Acknowledgments -- Notes -- Bibliography -- Index
Sommario/riassunto	Earthquakes have taught us much about our planet's hidden structure and the forces that have shaped it. This knowledge rests not only on the recordings of seismographs but also on the observations of eyewitnesses to destruction. During the nineteenth century, a scientific description of an earthquake was built of stories-stories from as many people in as many situations as possible. Sometimes their stories told of fear and devastation, sometimes of wonder and excitement. In The Earthquake Observers, Deborah R. Coen acquaints readers not only with the century's most eloquent seismic commentators, including Alexander von Humboldt, Charles Darwin, Mark Twain, Charles

Dickens, Karl Kraus, Ernst Mach, John Muir, and William James, but also with countless other citizen-observers, many of whom were women. Coen explains how observing networks transformed an instant of panic and confusion into a field for scientific research, turning earthquakes into natural experiments at the nexus of the physical and human sciences. Seismology abandoned this project of citizen science with the introduction of the Richter Scale in the 1930s, only to revive it in the twenty-first century in the face of new hazards and uncertainties. *The Earthquake Observers* tells the history of this interrupted dialogue between scientists and citizens about living with environmental risk.

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