

1. Record Nr.	UNINA9910458839503321
Autore	Stein Seth
Titolo	Disaster deferred [[electronic resource]] : how new science is changing our view of earthquake hazards in the Midwest // Seth Stein
Pubbl/distr/stampa	New York, : Columbia University Press, 2010
ISBN	1-281-82931-5 9786613791818 0-231-52241-X
Descrizione fisica	1 online resource (297 p.)
Disciplina	551.220978
Soggetti	Earthquake prediction - Technological innovations Earthquake prediction - Middle West Earthquake hazard analysis - Middle West Electronic books.
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	Front matter -- Contents -- Chapter 1. Threshold -- Chapter 2. The Day the Earth Stood Still -- Chapter 3. Think or Panic? -- Chapter 4. The Perfect Mess -- Chapter 5. Earthquake! -- Chapter 6. Breakthrough -- Chapter 7. How the Ground Shakes -- Chapter 8. How Earthquakes Work -- Chapter 9. Plate Tectonics Explains (Most) Earthquakes -- Chapter 10. Earthquakes That Shouldn't Happen -- Chapter 11. What's Going on Down There? -- Chapter 12. Guidance from Heaven -- Chapter 13. Faults Turning On and Off -- Chapter 14. More Dangerous than California? -- Chapter 15. Chemotherapy for a Cold -- Chapter 16. What to Do? -- References -- Acknowledgments -- Index
Sommario/riassunto	In the winter of 1811-12, a series of large earthquakes in the New Madrid seismic zone--often incorrectly described as the biggest ever to hit the United States--shook the Midwest. Today the federal government ranks the hazard in the Midwest as high as California's and is pressuring communities to undertake expensive preparations for disaster. Coinciding with the two-hundredth anniversary of the New Madrid earthquakes, <i>Disaster Deferred</i> revisits these earthquakes, the legends that have grown around them, and the predictions of doom

that have followed in their wake. Seth Stein clearly explains the techniques seismologists use to study Midwestern quakes and estimate their danger. Detailing how limited scientific knowledge, bureaucratic instincts, and the media's love of a good story have exaggerated these hazards, Stein calmly debunks the hype surrounding such predictions and encourages the formulation of more sensible, less costly policy. Powered by insider knowledge and an engaging style, *Disaster Deferred* shows how new geological ideas and data, including those from the Global Positioning System, are painting a very different-and much less frightening-picture of the future.
