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Titolo	Earthquakes and Their Impact on Society // edited by Sebastiano D'Amico
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ISBN	1-78684-321-8 3-319-21753-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (718 p.)
Collana	Springer Natural Hazards, , 2365-0656
Disciplina	550
Soggetti	Geotechnical engineering Natural disasters Environmental economics Structural geology Geotechnical Engineering & Applied Earth Sciences Natural Hazards Environmental Economics Structural Geology
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 at the end of each chapters.
Nota di contenuto	Introduction on seismicity -- Earthquake research and analysis -- Seismic hazard and risk -- Secondary effects due to earthquakes -- Earthquake response analysis -- Economic issues of earthquakes -- Damage to tourism industry -- Impact and analysis of mass media information -- Earthquake and mental health.
Sommario/riassunto	This book provides an integrated approach to the assessment of seismic hazards. The reduction of losses expected by future earthquakes is probably the most important contribution of seismology to society. Large earthquakes occurred in densely populated areas highlight the dramatic inadequacy of a massive portion of the buildings demonstrating the high risks of modern industrial societies. Building earthquake-resistant structures and retrofitting old buildings on a national scale can be extremely expensive and can represent an economic challenge even for developed western countries. Earthquakes

can cause also several psychological problems due to the fact that such kind of disasters will result in casualties, collapsing of houses, strategic buildings and facilities and deeply affect a community. Moreover in our society it is necessary to properly plan emergency responses and rescues taking into account any possible secondary effect in order to avoid more casualties.
