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Titolo	Curbing catastrophe : natural hazards and risk reduction in the modern world // Timothy H. Dixon
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Descrizione fisica	1 online resource (xxi, 300 pages) : digital, PDF file(s)
Classificazione	SCI019000
Disciplina	363.34/7
Soggetti	Natural disasters - Prevention Disaster relief - Planning Emergency management Hazard mitigation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Title from publisher's bibliographic system (viewed on 31 Jan 2017).
Nota di contenuto	Machine generated contents note: Preface; 1. Black and white swans, evolution, and markets; 2. What is a natural disaster? Where do they occur, and why? Are they different from human-made disasters?; 3. If we know so much about natural disasters, why are we so vulnerable?; 4. Japanese earthquakes and nuclear power plant failures; 5. Future earthquake disasters in Seattle and Istanbul; 6. Nuclear power, coal, and tuna: the concept of relative risk; 7. Past and future coastal flooding: Galveston, New Orleans, Bangladesh, and the specter of sea level rise; 8. What's all the fuss about global warming?; 9. Solutions; References and further reading; Index; Online appendices: Appendix 1. Additional background material and exercises for students; Appendix 2. Colour figures.
Sommario/riassunto	What does Japan's 2011 nuclear accident have in common with the

2005 flooding of New Orleans from Hurricane Katrina? This thought-provoking book presents a compelling account of recent and historical disasters, both natural and human-caused, drawing out common themes and providing a holistic understanding of hazards, disasters and mitigation, for anyone interested in this important and topical subject. Based on his on-the-ground experience with several major recent disasters, Timothy H. Dixon explores the science, politics and economics behind a variety of disasters and environmental issues, arguing that many of the worst effects are avoidable. He describes examples of planning and safety failures, provides forecasts of future disasters and proposes solutions for hazard mitigation. The book shows how billions of dollars and countless lives could be saved by adopting longer-term thinking for infrastructure planning and building, and argues that better communication is vital in reducing global risks and preventing future catastrophes.
