

1. Record Nr.	UNINA9910254117603321
Autore	Siegel Frederic R
Titolo	Mitigation of dangers from natural and anthropogenic hazards : prediction, prevention, and preparedness / / by Frederic R. Siegel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-38875-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIV, 127 p.)
Collana	SpringerBriefs in Environmental Science, , 2191-5547
Disciplina	363.346
Soggetti	Natural disasters System safety Climatic changes Water quality Water - Pollution Air - Pollution Pollution Natural Hazards Security Science and Technology Climate Change Water Quality/Water Pollution Atmospheric Protection/Air Quality Control/Air Pollution Terrestrial Pollution
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Preface -- Introduction To Hazards and Factors That Affect Impacts On Global Societies -- Mitigation -- Risk Assessment/Vulnerability -- Conditions That Aggravate The Effects Of A Hazard On Citizens And Property -- Early Warning Systems (EWS) -- Damping The Dangers From Tectonics-Driven Hazards: Earthquakes and Volcanoes -- Earthquakes -- Volcanoes -- Lessening The Impacts From Non-Tectonic (Natural) Hazards and Triggered Events -- Magnified Impact Of Natural Hazards From Global Warming/Climate Change And

Inadequate Land-Use Planning -- Disease -- Natural Processes That Endanger Food Security Linked To Climate Change -- Land-Use Planning To Minimize Dangers To Citizens and Ecosystems -- Physical Siting Of Locations For Housing, Commerce, Industry and Parkland -- Pollution -- Mitigation of Hazard Impacts On Ecosystems And Their Inhabitants: Possible For Some, Not Possible For Others -- Mitigation Of Impacts On Ecosystems And Their Inhabitants Directly From Human Activities -- Mitigation Economics -- Insurance As A Mitigator of Post-Hazard Economic Stress: Coverage and Exclusions -- Conflicts/Wars: Human Driven Events That Injure/Kill people And Damage/Destroy Property -- Uncommon But Noteworthy Natural Disasters -- Epilogue -- Index.

Sommario/riassunto

This book advances a three-step program for mitigation of natural and anthropogenic hazards, addressing mitigation economics and funding possibilities to meet the needs of at risk countries that lack the financial resources to invest in disaster reduction programs. Within the context of mitigation, this book covers prediction-prevention-preparedness for global warming/climate change as existing and progressive processes that create or abet slow developing or rapidly occurring hazards that endanger society such as sea level rise, extreme weather events, threats to food/water security, and the spread of infectious diseases.