Table of Contents

Chapter 1	Vulnerability 1
Chapter 2	Rangeland management and climate hazards in drylands: Dust storms, desertification and the overgrazing debate 21
Chapter 3	Estimation of river flood damages in Jakarta, Indonesi 41
Chapter 4	Investigating the presumed causal links between drought and dzud in Mongolia 69
Chapter 5	Communication and Preparedness Issues on Various Scales from Extreme Atmospheric Hazards 91
Chapter 6	The perceptions of social responsibility for community resilience to flooding: the impact of past experience, age, gender and ethnicity 117
Chapter 7	How to increase earthquake and home fire preparedness: the <i>fix-it</i> intervention 145

Index

391

Chapter 8	Natural Disaster and International Development 179
Chapter 9	Analysis of the Twitter Response to Superstorm Sandy: Public Perceptions Misconceptions, and Reconceptions of an Extreme Atmospheric Hazard 195
Chapter 10	New estimates of potential impacts of sea level rise and coastal floods in Poland 219
Chapter 11	Coastal infrastructure vulnerability: an integrated assessment model 259
Chapter 12	Ultra-thin clay layers facilitate seismic slip in carbonate faults 279
Chapter 13	A new, long-term daily satellite-based rainfall dataset for operational monitoring in Africa 301
Chapter 14	The Guanacaste Volcanic Arc Sliver of Northwestern Costa Rica 335
Chapter 15	Flood hazard assessment for extreme flood events 353