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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Superstorm Sandy: a Game Changer? -- Extreme Weather: Politics and Public Communication -- Dust Storms, Human Health and a Global Early Warning System -- Interdisciplinary Engagement of People and Place around Extreme Weather -- Engaging Communities to Assess the Health Effects of Extreme Weather in the Arctic -- Refining the Process of Science Support for Communities around Extreme Weather Events and Climate Impacts -- Reducing

Vulnerability to Extreme Heat through Interdisciplinary Research and Stakeholder Engagement -- Sociospatial Modeling for climate-based emergencies: Extreme Heat Vulnerability -- Drought and Health in the Context of Public Engagement -- Extreme Weather: Mental Health Challenges and Community Response Strategies -- Extreme Winter: Weaving Weather and Climate into a Narrative through Laura Ingalls Wilder -- The Air We Breathe: How Extreme Weather Conditions Harm Us -- Human Response to and Consequences of the May 22, 2011, Joplin Tornado -- Approaches for Building Community Resilience to Extreme Heat.

Sommario/riassunto

This volume presents a unique interdisciplinary approach, drawing on expertise in both the natural and social sciences. A primary goal is to present a scientific and socially integrated perspective on place-based community engagement, extreme weather, and health. Each year extreme weather is leading to natural disasters around the world and exerting huge social and health costs. The International Monetary Fund (2012) estimates that since 2010, 700 worldwide natural disasters have affected more than 450 million people around the globe. The best coping strategy for extreme weather and environmental change is a strong offense. Communities armed with a spatial understanding of their resources, risks, strengths, weaknesses, community capabilities, and social networks will have the best chance of reducing losses and achieving a better outcome when extreme weather and disaster strikes.