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Nota di contenuto	Chapter 1: Glaciological study and Climate change in Indian Perspective -- Chapter 2: Climate change impact on hydrogeochemical characteristics of Himalayan glacier meltwater -- Chapter 3: Impact of Changing Climate on the Cryospheric Region and Glacier Retreat in the Himalayan Region -- Chapter 4: Indian Himalayan Glaciers' Health under Changing Climate -- Chapter 5: Role of Aerosols in Atmospheric Dynamics and Deciphering the Climate Change -- Chapter 6: Examining Rainfall Trends in Guntur District, Andhra Pradesh, India, Amidst the Climate Change Challenge -- Chapter 7: Climate-Induced Vulnerability, Adaptation and Mitigation Strategies -- Chapter 8: Climate Change and Nature-Based Solutions -- Chapter 9: Human Vulnerability in Changing Environment of Active Delta region of India -- Chapter 10: Understanding livelihood diversification as a sustainable adaptive strategy to existing challenges in the higher Himalayan villages -- Chapter 11: Sustainability through Sacred Groves -- Chapter 12: The Climate Refugees of Bundelkhand: A study on issues and challenges to sustainable livelihoods in Bundelkhand -- Chapter 13: Emerging Need to Sustain and Preserve the Traditional Knowledge of

Indigenous communities to Combat Climate Change. Chapter 14: Climate Change Adaptation Policies and Governance. Chapter 15: Adaptation Policy and Governance Toward Tribal Communities of Southern Rajasthan, India -- Chapter 16: Climate Change and its Effects on Major Crops Production in Assam, India -- Chapter 17: Hailstorm and Loss Assessment -- Chapter 18: Responses to Climate Change in Global North and South.

Sommario/riassunto

This contributed volume presents an attempt to understand climatic variability and induced risk to livelihood of communities and to offer insights on how catastrophic conditions and crises can be mitigated through public policy interventions. The case studies herein offer insights into different spheres and domains affected by climate change and present models of adaptation possibilities. The book is divided into three thematic sections. The first contains chapters that deal with assessing the effects of climate change. The second section offers perspectives on adaptation and governance, vulnerability in the context of sustainable livelihoods. The third and last section looks at Policy and Governance, with respect to climatic change adaptation and mitigations. The lessons contained in this volume are useful to a wide audience including research scholars, students, policymakers, and planners.
