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Nota di contenuto	Part 1: Overview and Major Climatic Disasters Chapter 1_ Climate Change- Extremes, Disasters and Call for Resilient Development -- Chapter 2_ Evolution of Disaster Risk Reduction Systems in India -- Chapter 3_ Climate and Weather Forewarning Systems for Disaster Preparedness and Response -- Chapter 4_ Community Based Issues and Opportunities in Climate Change Adaptation & Disaster Risk Reduction -- Chapter 5_ Flood Management: Present Practices and Future Revisions Under Climate Change -- Chapter 6_ Drought Disaster: Issues, Challenges and Risk Mitigation Strategies -- Chapter 7_ Cyclone Disaster Mitigation and Management in India: An Overview -- Chapter 8_ Heat Wave Disaster Risk Management Action Planning: Experience and Lessons -- Chapter 9_ Impact of Climate Change on Forest Fire in India and Climate Adaptive Management Strategies -- Part 2: Thematic and Cross-cutting Issues Chapter 10_ Climate Resilient Infrastructure in Developing Countries -- Chapter 11_ Climate Change Adaptation in Industrial Areas for Disaster Resilience -- Chapter 12_ Managing

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Sommario/riassunto

This contributed volume is focused on SDG 3, 6, 7, 9, 11, 15, and it covers extensive knowledge on damage and loss contexts of climate change in a developing country. India's vast landscape with its diversity of eco-geo-physiography, socio-cultural, and developmental settings, coupled with climate change and anthropogenic factors, makes it one of the most disaster-prone countries of the world and, thus, representing almost all the disasters and extreme events associated with climate change, variability, and weather phenomenon. Besides common hazards, such as heavy rainfall, floods, drought, cyclone and heat wave, secondary and composite disasters like forest fires and disease epidemics are also covered with case studies and examples. Cross-cutting aspects like infrastructure resilience, gender and social equity concerns, legal and assessment tools, and futuristic vision have been covered well in the book. Disaster risk reduction, preparedness, and resilience as central themes of adaptation to climate change are presented through policy discussions, tools, and strategic analysis of past and recent lessons. This book is of common interest to a wider range of readers across policy planning, academia, research, and professional practitioners having interest in adaptation, resilience building and sustainability in developing countries of the world. Though it is primarily a reference book, it can also serve as a textbook for university courses and professional trainings in climate change adaptation, disaster management, sustainability and strategic management studies. .
