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Titolo	The Rademacher legacy to mathematics : the centenary conference in honor of Hans Rademacher, July 21-25, 1992, the Pennsylvania State University / / George E. Andrews, David M. Bressoud, L. Alayne Parson, editors
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ISBN	0-8218-7757-7 0-8218-5499-2
Descrizione fisica	1 online resource (xxxvi, 369 pages) : illustrations
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Soggetti	Automorphic forms Discontinuous functions Electronic books.
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ISBN	9781119741619 1119741610 9781119741374 1119741378
Edizione	[1st ed.]
Descrizione fisica	1 online resource (429 pages)
Collana	Hydrometeorological Extreme Events Series
Altri autori (Persone)	KarakostasAnastasios RossiClaudio QuevauvillerPh
Disciplina	363.3492
Soggetti	Emergency management Climatic changes
Lingua di pubblicazione	Inglese
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Nota di contenuto	Cover -- Table of Contents -- Series Page -- Title Page -- Copyright Page -- List of Contributors -- Series Preface -- 1 The ANYWHERE Paradigm Shift in Responding to Weather and Climate Emergencies -- 1.1 Disaster Risk Management in Times of Climate Change: The Need of a Proactive Approach -- 1.2 Adapting Risk Management to the 'New Normality': The Case of Flood Risk Management -- 1.3 Changing the Paradigm: ImpactBased MultiHazard Early Warning Systems to Move from Reactive to ProActive Emergency Response Strategies -- 1.4 The New Paradigm: Dynamic Vulnerability -- 1.5 Future Work: From MultiHazards to MultiRisk IEWS -- References -- Notes -- 2 Hydrometeorological Drought Forecasts -- 2.1 Introduction -- 2.2 Method for Forecasting Hydrometeorological Droughts -- 2.3 Hydrometeorological Drought Forecasts -- 2.4 Drought Forecast Performance -- 2.5 Importance of Catchment Memory -- 2.6 Outlook and Future Improvements -- References -- 3 Experiences and Lessons Learnt in Wildfire Management with PROPAGATOR, an Operational CellularAutomataBased Wildfire Simulator -- 3.1

Introduction -- 3.2 Synopsis of Propagator Development: More than a Decade of Wildfire Simulations -- 3.3 Propagator Model -- 3.4 Case Studies -- 3.5 Results and Discussion -- 3.6 Conclusions

Sommario/riassunto

This book explores innovative approaches to managing weather and climate-related emergencies, emphasizing proactive strategies and advanced technologies. It covers topics like disaster risk management, drought forecasting, wildfire simulation, and decision support systems for health hazards. The work highlights the importance of impact-based early warning systems and the use of artificial intelligence in managing extreme weather events. Intended for professionals in emergency management, the text provides insights into the development and application of technological solutions such as mobile applications, radar networks, and social media monitoring. It aims to enhance situational awareness and improve response strategies for various climate-related disasters.
