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Autore	Persico, Enrico
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Altri autori (Persone)	Ferrari, E. author Segre, S.
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Titolo	Managing the risks of extreme events and disasters to advance climate change adaption // special report of the Intergovernmental Panel on Climate Change ; edited by Christopher B. Field, Co-Chair Working Group II, Carnegie Institution for Science [and eleven others] [[electronic resource]]
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Descrizione fisica	1 online resource (x, 582 pages) : digital, PDF file(s)
Disciplina	551.6
Soggetti	Climate change mitigation Climatic changes - Risk management Climate Climate change adaptation Climate resilience Disaster Disaster risk reduction General circulation model Global warming Governance Hazard Intergovernmental panel on climate change
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Note generali

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Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Foreword -- Preface -- Summary for policymakers -- Climate change : new dimensions in disaster risk, exposure, vulnerability, and resilience -- Determinants of risk : exposure and vulnerability -- Changes in climate extremes and their impacts on the natural physical environment -- Changes in impacts of climate extremes : human systems and ecosystems -- Managing the risks from climate extremes at the local level -- National systems for managing the risks from climate extremes and disasters -- Managing the risks : international level and integration across scales -- Toward a sustainable and resilient future -- Case studies.

Sommario/riassunto

This Intergovernmental Panel on Climate Change Special Report (IPCC-SREX) explores the challenge of understanding and managing the risks of climate extremes to advance climate change adaptation. Extreme weather and climate events, interacting with exposed and vulnerable human and natural systems, can lead to disasters. Changes in the frequency and severity of the physical events affect disaster risk, but so do the spatially diverse and temporally dynamic patterns of exposure and vulnerability. Some types of extreme weather and climate events have increased in frequency or magnitude, but populations and assets at risk have also increased, with consequences for disaster risk. Opportunities for managing risks of weather- and climate-related disasters exist or can be developed at any scale, local to international. Prepared following strict IPCC procedures, SREX is an invaluable assessment for anyone interested in climate extremes, environmental disasters and adaptation to climate change, including policymakers, the private sector and academic researchers.