



## **Climate change and risk management : strategies, analysis, and adaptation /**

Di Pietro, Antonio,

editor literari

Marti, Jordi R.,

autor

Kumar, Vinay,

autor

Mahabadi, Samin Ansari,

autor

Kalliontzi, Eleni,

autor

Tavan, Asghar,

autor

Gonzales, Edgard,

autor

Wang, Jiayao,

autor

Mileu, Nelson,

autor

Boudriki Senglal, Badr-Eddine,

autor

Buber, Alexander,

autor

Singh, Kasturi,

autor

Karma, Sofia,

autor

Quevauviller, Philippe,

autor

Belle, Johaness A.,

autor

Camps, Adriano,

autor

Contenedor de (obra):

Mahabadi, Samin Ansari.

Adapting to Climate Change through Risk Management

Contenedor de (obra):

Kalliontzi, Eleni.

Perspective Chapter: Advancements in Disaster Risk Mitigation Strategies

Contenedor de (obra):

Tavan, Asghar.

Risk Management in Mass Gatherings

Contenidor de (obra):

Gonzales, Edgard.

Analysis of Climate Indices to Determine Global Climate Patterns:

Techniques for Summarizing Complex Climate Data

Contenidor de (obra):

Wang, Jiayao.

Synthesis of Tropical Cyclones: Understanding, Modeling, and

Adapting to Climate Change Impacts

Contenidor de (obra):

Mileu, Nelson.

Current and Future Multirisk Analysis in Climate Change Scenarios

with Riskcoast WebGIS

Contenidor de (obra):

Boudriki Semlali, Badr-Eddine.

Potential Earthquake Proxies from Remote Sensing Data

Contenidor de (obra):

Buber, Alexander.

Forecast of Catastrophic Floods Based on Hydrodynamic Modeling:

The 2013 Flood on the Amur River Case Study

Contenidor de (obra):

Singh, Kasturi.

Perspective Chapter: The Coastal Migration of the Locations of

Tropical Cyclone Rapid Intensification over the North Indian Ocean

Contenidor de (obra):

Karma, Sofia.

People Vulnerability before, during and after a Disaster: A Dynamic

Taxonomic Approach

Contenidor de (obra):

Quevauviller, Philippe.

Science-Policy Interfacing and Community-Building for Disaster

Risk Reduction in the Area of Natural Hazards

Contenidor de (obra):

Belle, Johannes A.

Understanding and Integrating Systemic Risk (SR) into Disaster

Risk Reduction (DRR) and Risk Informed Development (RID) for

Long-Term Resilient Development

**Llibres electrònics.**

Monografia

"Climate change is reshaping our world with increasing intensity and frequency, resulting in devastating hurricanes, catastrophic floods, prolonged droughts, and wildfires. As these extreme events become more frequent, the need for comprehensive strategies to manage risks and adapt to new realities is more urgent than ever. Climate Change and Risk Management - Strategies, Analysis, and Adaptation offers a multidisciplinary approach to understanding and addressing the complex challenges posed by climate change. This volume provides essential insights into risk management, climate data analysis, and the use of technological tools to predict and mitigate natural disasters. It highlights innovative methodologies for summarizing complex climate data, modeling tropical cyclones, and employing WebGIS technology for multi-risk analysis in coastal areas.

Readers will find practical applications through detailed case studies and scenario analysis, demonstrating the importance of accurate modeling in disaster preparedness and response. The book also addresses the human and policy dimensions of climate change, exploring the dynamic nature of human vulnerability and resilience, the crucial role of science-policy interfacing, and the integration of systemic risk into disaster risk reduction strategies. By presenting both theoretical frameworks and practical solutions, this volume is an invaluable resource for researchers, practitioners, and policymakers dedicated to managing and adapting to the risks posed by climate change. With its comprehensive coverage of climate change impacts and risk management strategies, this book is designed to enhance our collective understanding and capability to address one of the most pressing issues of our time. Whether you are a scientist, a policymaker, or a concerned citizen, Climate Change and Risk Management - Strategies, Analysis, and Adaptation equips you with the knowledge and tools needed to navigate the complexities of a changing climate. Order Print Copy" -- IntechOpen

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbgVlcmF0aW9uOmVzLmJhcmF0ei5yZW4vMzYwODc0OTU>

---

**Título:** Climate change and risk management strategies, analysis, and adaptation academic editor: Antonio Di Pietro ; Co-editors: José Martí, Vinay Kumar

**Editorial:** London IntechOpen [25 setembre 2024]

**Descripción física:** 1 recurs en línia (262 pàgines) ilustracions

**Contenido:** Conté: 1. Adapting to Climate Change through Risk Management / by Samin Ansari Mahabadi - 2. Perspective Chapter: Advancements in Disaster Risk Mitigation Strategies / by Eleni Kalliontzi, Amalia Kouskoura, Evangelos Katsaros and Ioannis Bakouros - 3. Risk Management in Mass Gatherings / by Asghar Tavan, Abbasali Dehghani Tafti and Mahmood Nekoie-Moghadam - 4. Analysis of Climate Indices to Determine Global Climate Patterns: Techniques for Summarizing Complex Climate Data / by Edgard Gonzales and Kenny Gonzales - 5. Synthesis of Tropical Cyclones: Understanding, Modeling, and Adapting to Climate Change Impacts / by Jiayao Wang, Yu Chang and Kam Tim Tse - 6. Current and Future Multirisk Analysis in Climate Change Scenarios with Riskcoast WebGIS / by Nelson Mileu and José Luís Zêzere - 7. Potential Earthquake Proxies from Remote Sensing Data / by Badr-Eddine Boudriki Semlali, Carlos Molina, Mireia Carvajal Librado, Hyuk Park and Adriano Camps - 8. Forecast of Catastrophic Floods Based on Hydrodynamic Modeling: The 2013 Flood on the Amur River Case Study / by Alexander Buber and Mikhail Bolgov - 9. Perspective Chapter: The Coastal Migration of the Locations of Tropical Cyclone Rapid Intensification over the North Indian Ocean / by Kasturi Singh - 10. People Vulnerability before, during and after a Disaster: A Dynamic Taxonomic Approach / by Sofia Karma, Stefano Zanuti, Monica Crihan, Consuelo Agnesi and Gabriella Duca - 11. Science-Policy Interfacing and Community-Building for Disaster Risk Reduction in the Area of Natural Hazards / by Philippe Quevauviller - 12. Understanding and Integrating Systemic Risk (SR) into Disaster Risk Reduction (DRR) and Risk Informed Development (RID) for Long-Term Resilient Development / by Johannes A. Belle, Carolina Velásquez, Marcus Oxley and Ketevan Getiashvili

**Restricciones de acceso:** Unrestricted online access star

**ISBN:** 9780854665594 en línia) 9780854665617 pdf) 9780854665600 imprès)

**Materia:** Canvis climàtics.

**Autores:** Di Pietro, Antonio, editor literari Martí, Jordi R., autor Kumar, Vinay, autor Mahabadi, Samin Ansari, autor Kalliontzi, Eleni, autor Tavan, Asghar, autor Gonzales, Edgard, autor Wang, Jiayao, autor Mileu, Nelson, autor Boudriki Semlali, Badr-Eddine, autor Buber, Alexander, autor Singh, Kasturi, autor Karma, Sofia, autor Quevauviller, Philippe, autor Belle, Johannes A., autor Camps, Adriano, autor Contenedor de (obra): Mahabadi, Samin Ansari. Adapting to Climate Change through Risk Management Contenedor de (obra): Kalliontzi, Eleni. Perspective Chapter: Advancements in Disaster Risk Mitigation Strategies Contenedor de (obra): Tavan, Asghar. Risk Management in Mass Gatherings Contenedor de (obra): Gonzales, Edgard. Analysis of Climate Indices to Determine Global Climate Patterns: Techniques for Summarizing Complex Climate Data Contenedor de (obra): Wang, Jiayao. Synthesis of Tropical Cyclones: Understanding, Modeling, and Adapting to Climate Change Impacts Contenedor de (obra): Mileu, Nelson. Current and Future Multirisk Analysis in Climate Change Scenarios with

Riskcoast WebGIS Contenedor de (obra): Boudriki Semlali, Badr-Eddine. Potential Earthquake Proxies from Remote Sensing Data Contenedor de (obra): Buber, Alexander. Forecast of Catastrophic Floods Based on Hydrodynamic Modeling: The 2013 Flood on the Amur River Case Study Contenedor de (obra): Singh, Kasturi. Perspective Chapter: The Coastal Migration of the Locations of Tropical Cyclone Rapid Intensification over the North Indian Ocean Contenedor de (obra): Karma, Sofia. People Vulnerability before, during and after a Disaster: A Dynamic Taxonomic Approach Contenedor de (obra): Quevauviller, Philippe. Science-Policy Interfacing and Community-Building for Disaster Risk Reduction in the Area of Natural Hazards Contenedor de (obra): Belle, Johannes A. Understanding and Integrating Systemic Risk (SR) into Disaster Risk Reduction (DRR) and Risk Informed Development (RID) for Long-Term Resilient Development

**Título preferido:** InTechOpen

---

## **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)