



Risk Analyses and Actions: A WSPC Reference on Disasters and Dangers, connects and integrates the perils, threats, exposures, and hazards that permeate humanity's existence on Planet Earth. The chapters bring together the difficulties and challenges faced by individuals and collectives — both hourly and across millennia — with outcomes often realized as disasters, emergencies, tragedies, calamities, crises, and catastrophes.

The underlying ethos throughout, and the unifying theme across the four volumes, is that the vast majority of these problems are human-made and need not exist. Vulnerabilities are created, perpetuated, and sustained, rather than being tackled, managed, and reduced. The authors demonstrate how dangers and disasters are expressions of the actions and analyses that humanity fails to undertake in order to acknowledge, address, and rectify risks. They also show that when humanity chooses appropriate and proactive pathways, the rewards can be both immediate and long-lasting.

World Scientific Book Series in Extreme Events
Risk Analyses and Actions
A WSPC Reference on Disasters and Dangers

Editor-in-Chief

Ilan Kelman

University College London, UK

Volume Editors

Ksenia Chmutina (*Loughborough University, UK*)

Ricardo Fuentealba (*Universidad de O'Higgins in Rancagua, Chile*)

Danielle Zoe Rivera (*University of California Berkeley, USA*)

Lisa Guppy (*University College London, UK*)

Yulia Ioffe (*University College London, UK*)

Glenn Fernandez (*Rabdan Academy, UAE*)

JC Gaillard (*The University of Auckland, New Zealand (Waipapa Taumata Rau, Aotearoa)*)

Mayeda Rashid (*Monash University, Australia*)

Reidar Staupe (*University of Stavanger, Norway*)

Monika Gabriela Bartoszewicz (*UiT The Arctic University of Norway, Norway*)

In 4 Volumes:

- Introduction to Principles and Concepts
- Policy and Governance in Preventing and Mitigating Disasters and Dangers
- Actions Towards Disaster Risk Reduction
- Living in Anticipation of Disastrous Futures and Everyday Processes of Disaster Risk Creation



Ask Your Librarian for Access at
<https://doi.org/10.1142/14391>

Pages: 1908 | Pub Date: Jun 2026

Introductory Offer till Aug 31, 2026

Hardcover (Set)

9789819819805 | US\$1200 / £1105

eBook-Libraries (Set)

9789819819805 | US\$1950 / £1100

List Price after Aug 31, 2026

Hardcover (Set)

9789819819805 | US\$1350 / £1240

eBook-Libraries (Set)

978-981-98-1981-2 | US\$2160 / £1985

Volume 1: Introduction to Principles and Concepts:

- **About the Editors**
- **About the Contributors**
- **Introduction**
- **Old Concepts — New Reflections?:**
 - A Paradox of Natural Hazards (Christopher Gomez and Ksenia Chmutina)
 - The Narratives of "Natural" Disasters: Why People Use the Misnomer, and What are the Implications (Kevin Blanchard)
 - Conflict as Disaster Risk Creator: Challenges and Opportunities (Rodrigo Mena and Laura E R Peters)
 - Conversation about Capacities (JC Gaillard and Disasters: Deconstructed Podcast)
 - Theories of Resilience (Lidia Cano Pecharroman and Lizzie Yarina)
 - Vulnerability is a Question: Four Sketches and Three Invitations to Make it Weird (In All Seriousness) (A J Faas)
 - Post-Disaster Recovery and Reconstruction: Reflections on Post-Disaster Agency (Gonzalo Lizarralde, Kevin A Gould, Fatma Özdoğan, and Arturo Valladares)
 - Reflections on Disaster Risk and Suffering (Ben Wisner)
 - "Everyday is a Crisis:" A Photo-Essay from a Southern Italy Village (Giuseppe Forino)
 - Intermission: Section 1 to Section 2 (Notes from the National Archives) (Aly Stoneman)
- **The (Often) Missing Principles:**
 - It Can't Happen Here! But if it Did ... What Would it Look Like? (Zachary Loeb)
 - Theories of Power: A Review of Disaster Paradigms and What They Aim to Stifle (Isabelle Desportes)
 - Disasters as Sites of Injustice and Struggle: Toward Liberation and Solidarity (Jason von Meding and Haleh Mehdipour)
 - Disaster Colonialism: A Commentary on Disasters beyond Singular Events to Structural Violence (Danielle Zoe Rivera)
 - Black Feminism and Radical Planning: New Directions for Disaster Planning Research (Fayola Jacobs)
 - Intersectionality (Sarah Bradshaw)
 - Care in Disaster Research (Shefali Juneja Lakhina)
 - Intermission: Section 2 to Section 3 Notes on the State ... of Things/Note sullo Stato ... delle Cose (Isabella Tomassi)
- **Understanding Disasters:**
 - The Presumption of Criticality in Disaster Studies: Reclaiming Refusal, Abolition and Imagine an Adjacency (Camillo Boano)
 - Disasters and God: Changing Perspectives on the Role of Religion in Cultural Responses (David K Chester and Angus M Duncan)
 - Disaster and Disaster Risk Management Assemblages (Peter McGowran)
 - Disaster Knowledge Management: A Data Justice Lens on the Construction of Risk (Femke Mulder)
 - Disaster Capitalism (Vicente Sandoval and Claudia González-Muzzio)
 - Extractive Water Disasters: Reflections from Intercultural Collaborative Approaches in Chile (Sarah Kelly and Valentina Acuña)
 - Marxism and Disasters (Wesley Cheek)
 - Urban Political Ecology and Disaster Risks: Toward Everyday Perspectives (Belén Desmaison and Ricardo Fuentealba)
 - Rebuilding After the Storm (Sneha Krishnan)



Photo credit: Ilan Kelman

Volume 2: Policy and Governance in Preventing and Mitigating Disasters and Dangers:

- **About the Editors**
- **About the Contributors**
- **Introduction**
- **Local:**
 - Solastalgia: Observations on a Changing Environment (Land Body Ecologies)
 - Community Resilience in New Orleans: Perspectives from NGO Workers (Kim-Anh Anastasia Chau)
 - The Importance of Being (the) Nearest: The Role of the Quality of Regional Institutions in Facing Disasters (Davide Di Marcoberardino)
 - An Ecological Assessment for COVID-19 and Other Pandemics (Araceli Camargo, Elahi Hossain, Sarah Aliko, Daniel Akinola-Odusola, and Josh Artus)
 - The Politics of Language: Mislabeled of Armed Conflicts and Its Consequences (Julia Emtseva)
- **National and Regional:**
 - Observed Challenges to the Humanitarian Sector, From a Year and a Half Operating in the Ukrainian Context (Rowan Joffe McLachlan)
 - Governance and the De Facto State: Risk and Adaptation in Afghanistan (Mohammad Haris Sherzad and Lisa Guppy)
 - Adaptive Spontaneous Decentralization: Local Autonomy in a State of Emergency — Reflections from Israel (Orr Karassin, Shula Goulden, Ahmad Higazy, Tal Golan, Benny Furst, and Nimrod Geva)
 - Conflict-induced Displacement, Pregnancy, COVID-19, and the Women, Peace and Security (WPS) Agenda in Poland (Yulia Ioffe)
 - Special Populations at Risk: Disability and Crisis (Maria Kett and Anna Landre)
 - Propaganda in Media in the Conflicts in Rwanda, Syria, and Iraq: How the Language Incites to Crime (Agata Winkiel-Skóra)

- Climate Change, Children, and Youth in the Middle East (Lisa Guppy)
- Exploring the Realities of (Im)mobility, Climate Change, and Disasters (Mhari Gordon)
- **Global:**
 - Fictitious Figures: The Seductive Melodrama of "Climate Migration" (Calum T M Nicholson)
 - Addressing Loss and Damage Arising from the Adverse Effects of Climate Change: An International Law Perspective (Emmanuel Giakoumakis)
 - Recasting the Future: A Conversation on Climate Anxiety, Activism, and Agency (Rita Issa and A T (Adam) Kingsmith)
 - Trends in Official Development Assistance with the Purpose of Disaster Risk Reduction 2016–2021 (Erica Mason and Dan Walton)
 - Business and Human Rights in Times of Emergency (Thiago Alves Pinto and Santiago Zuleta)
 - Multi-level Governance for Disaster Risk Reduction (DRR) and Governance: A Broad Synopsis (Nidhi Nagabhatla, Padmini Ranasinghe, and Philippe De Lombaerde)
 - Two Agendas? Disaster Risk Reduction and Climate Change (David Stevens)
 - Unleashing The Legal Power: The Untapped Resource of Disaster Law (Olga Shashkina)



Photo credit: Ilan Kelman

Volume 3: Actions Towards Disaster Risk Reduction:

- **About the Editors**
- **About the Contributors**
- **Introduction**
- **Factors Affecting Actions:**
 - Considering Positionality in Hazards and Disaster Research (Candace M Evans, Rachel M Adams and Lori Peek)
 - Disasters and Mental Health (Johnrev Guilaran)
 - Poverty and Affluence in Disaster Risk Reduction (María N Rodríguez Alarcón)
 - Intersectionality and Categorization in Disaster Risk Reduction (Cassandra Jean, Tilly E Hall and Jamie Vickery)
 - Invisibility, Social Death, and Disasters: Interrogating Incarceration and the Production of Risk (J Carlee Purdum)
 - Finding Hope in Tribulation: Understanding Risk Reduction and Responses to Disasters in Complex Political Emergencies (Jo Rose and Claudia Milena Adler)
- **Approaches and Processes:**
 - Ethical Considerations for Hazards and Disaster Research (Candace M Evans, Rachel M Adams and Lori Peek)
 - Care in Disaster Risk Reduction (Shefali Juneja Lakhina)
 - The Rise of Complexity Science in DRR and Implications for the Disaster Management Cycle (Christo Coetzee and Pieter-Wernich Bredenkamp)
 - Dedicated to Those Fighting for Their Land (Emmanuel Raju)
- **Stakeholders:**
 - Roles of Universities in Disaster Risk Reduction: The Case of Africa (Andrianambinina Djohary, Randriamanampisoa Holimalala, and Randrianalijaona Mahefasoa)
 - Civil Society Organizations in Disaster Risk Reduction (Terry Gibson)
 - Private Sector Engagement in Disaster Risk Management: Exploring the Evolving Role and Challenges (Kilian T Murphy, Edwin M Salonga and Ashfaque Zaman)
 - Decolonizing Accountability in Disaster Risk Reduction (Aditi Sharan)



Photo credit: Ilan Kelman



Photo credit: Ilan Kelman

- **Methods and Tools:**

- Mapping and Spatial Representation of Disaster Risk (Jake Rom D Cadag)
- Disasters Through the Lens: Using Photography to Document Their Social Impacts (Fernando Briones)
- Repositioning Disaster Video Games from Tokenistic Learning Tools Toward Fostering Meaningful Participation in Disaster Risk Education (Anthony Viennaminovich Gampell)
- The Development and Use of Comic Strips for Disaster Risk Reduction Education and Learning (Justin Sharpe)

Volume 4: Living in Anticipation of Disastrous Futures and Everyday Processes of Disaster Risk Creation:

- **About the Editors**

- **About the Contributors**

- **Introduction**

- **Disastrous Futures and Anticipations:**

- Critical Disaster Studies (CDS) and Critical Future Studies (CFS): The Case for Convergence (Luke Goode and Steve Matthewman)
- Anticipation and Conjecture in Preparedness for Future Disasters (Rob A DeLeo)
- Climate Futures Shaping Energy and Security (Christian Webersik)
- The Promise and Pitfalls of Armed Conflict Prediction (Babak RezaeeDaryakenari and Roos Haer)
- Disastrous Futures (François Debrix)

- **Disaster Temporalities:**

- Living Through Starvation (Olivier Rubin)
- Limits of Organizational Resilience: Adaptive Capacity in the Face of Climate Change (Jacob Taarup)
- Understanding Disaster Temporalities in the SARS-CoV-2 Pandemic Using a Bourdieuan Approach (Cordula Dittmer, Daniel F Lorenz, and Martin Voss)
- Politicization and Securitization: Temporal Sequences of Epistemic Threats (Monika Gabriela Bartoszewicz and Ladislav Zouhar)
- Technology, Heritage, and Disasters: Past and Present (Pakhee Kumar)

- The Current State of Applying Social Media and Crowdsourcing in Disaster Risk Management (Robert Larruina, Nathan Clark, Kees Boersma, Anne Bach Nielsen, Nina Blom Andersen, Sara Bonati, Therese Habig, Annika Hamachers, Richard Lüke, Olga Nardini, and Emmanuel Raju)

- **Disaster (Risk) and Everyday Life:**

- Ontological Security and Disaster (Rebecca Banham)
- Landscapes of Everyday Disaster Risks: Exploring the Risksapes of Informal Settlements in Monrovia, Liberia (Phillip Garjay Innis and Detlef Müller-Mahn)
- The Everyday of Building Disaster Resilience in Superdiverse Contexts — A Conceptual Framework (Szymon Parzniewski)
- Attachment to Plan to Ease Losses in Place: Planning for Relocation Before Disaster (Alex Greer, Sherri Brokopp Binder, and Elyse Zavar)
- Trust in Times of Crises: Lessons Learned from Norway (Emily Klassen and Christian Webersik)
- "Trygghet" as a Lens for Exploring Intertwined Meanings of Safety and Security Concepts (Kerenina Kezaride Dansholm)

- **Processes of Disaster Risk:**

- Guarding Societal Cohesion: AI-Generated Disinformation as a Digital Hybrid Threat to Social Safety, Security, and Resilience (Dries Putter)
- Energy and History: An Overlooked Approach (Ralph Gert Schoellhammer)
- Environmental Governance at the Street Level (Paulo Rocha)
- Solar Energy, Energy Poverty, and Vulnerability: Accountability Beyond the Socio-Economic Dimension (Renée Scharnigg)
- From the "Smart City" to the "Smart and Resilient City?" Making Modern Urban Areas More Resilient Against Disasters with Technologies and Sustainable Solutions (Stella Huang)

Readership: Professionals in development, sustainability, or livelihoods who have limited experience with risk-related topics, as well as risk specialists seeking broader, interdisciplinary insights. Readers with a postgraduate degree or equivalent practical experience and work in fields such as academia, policy, or humanitarian aid. It also welcomes general readers with an interest in the subject.