

1. Record Nr.	UNINA9911011816303321
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Titolo	Proceedings of the 3rd International Symposium on Disaster Resilience and Sustainable Development—Volume 2 : Resilient Systems for Climate Change Adaptation // edited by Indrajit Pal, Aslam Perwaiz, Iftekhar Ahmed
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9620-30-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (430 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 624
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Disciplina	551 363.34
Soggetti	Natural disasters Fire prevention Buildings - Protection Sustainability Natural Hazards Fire Science, Hazard Control, Building Safety
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Disaster risk reduction and climate change adaptation for resilient infrastructure and built environment: Lessons from Asia Pacific -- Climate extremes and peri-urban flooding: the case of Rawta Village, India -- Assessing vulnerability of built environment in landslide prone region of Raigad District, India -- Heatwave Vulnerability in Bangkok's Informal Settlements: A Household Vulnerability Assessment Tool -- Structural and Natural Based Solution in Beach Community Perceptions -- A Literature Review of Water Security Assessment Methods for Planning Critical Infrastructure -- Nature based solutions to enhance sustainability in palm oil production -- An Assessment of the Smart Resilient Development Scheme for Disaster Risk Reduction and Management: The Case of Barangay Rizal, Makati City, Metro Manila, Philippines -- Enhancing Climate Resilience in the Most Climate Affected Communities by Adapting Locally Suitable Techniques through

Actions Research -- Functionality, effectiveness, and shortcomings of the command systems employed in the central government-led response to the 2008 Wenchuan earthquake -- A Review of the Green Climate Fund and its Implications on Sustainable Development Goals for Developing Countries -- Integrating Sustainable Development Goals Environmental Domain in the Environmental Impact Assessment Process.

Sommario/riassunto

This book presents selected papers from the 3rd International Symposium on Disaster Resilience and Sustainable Development, organized by the Disaster Preparedness, Mitigation and Management Program of the Asian Institute of Technology, Thailand, in collaboration with academic institutions and organizations across the world. The symposium converges research contributions that address critical themes within the realm of science, technology, climate change, assorted hazards, and strategies for bolstering resilience. The book will contain research outcomes and case studies on multi-hazard risk and resilience and sustainability of the diverse systems that constitute our society, to propagate an integral foundation for sustainable development and effective climate change adaptation, enabling societies to thrive and endure in the face of an increasingly dynamic and uncertain world. The content caters to research scholars, students, industry professionals, data analytics companies, re-insurance companies, government bodies and policymakers, who work in the field of hazard modeling and disaster management. This book represents Volume 2 of a three-volume book series.
