

Special issue on linking
climate change
adaptation (CCA), disaster
risk reduction (DRR) and
loss and damage (L&D)



AOA2020-01SY-Wijenayake

2023



SLYCAN TRUST

Project Reference Number: AOA2020-01SY-Wijenayake

Project Duration: 21 April – 20 October 2020 (project extended until 20 April 2024)

Funding Awarded: USD30,000

Grant DOI: <https://doi.org/10.30852/p.16150>

Date of Publication: 31 May 2024

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Recommended Citation:

Wijenayake, V. (2024). *Special issue on linking climate change adaptation (CCA), disaster risk reduction (DRR) and loss and damage (L&D)*. Project final report. Asia-Pacific Network for Global Change Research.



Asia-Pacific Network for Global Change Research (APN)

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1. Summary

The impacts of climate change are felt across the world, especially in highly vulnerable countries such as those in the Asia-Pacific region. While climate change adaptation (CCA) and disaster risk reduction (DRR) measures can address some of these vulnerabilities and build the resilience of communities, climate-related hazards are set to surpass the hard or soft limits of adaptation in many geographic, socioeconomic, and sociocultural spaces, leading to increasing climate-induced loss and damage (L&D).

As highlighted in recent discussions and within the UNFCCC process, there is an urgent need to enhance the evidence base on L&D and accelerate action and support. Furthermore, it is necessary to understand interactions, connections, and potential synergies, co-benefits, or trade-offs between CCA, DRR, and L&D. This project focused on developing and publishing a research publication on this thematic area based on the outputs of APN's CCA-DRR-L&D projects as primary case studies.

Through these case studies and other contributions from leading experts, the publication covers different forms and aspects of CCA, DRR, and L&D using a variety of methods and approaches, from global climate models and projections to community-led assessments and voices on the grassroots level. The edited volume includes chapters on the case studies based on completed projects conducted in the Asia-Pacific region under APN's Climate Adaptation Framework, spanning countries such as Bangladesh, Cambodia, India, Indonesia, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Sri Lanka, Thailand, and Vietnam. These case studies focus on sectors including agriculture, rural livelihoods, infrastructure, and natural resources, which are exposed to severe, complex, cascading, and often covariate risks that are caused by or directly related to climate change.

SLYCAN Trust in partnership with APN developed this publication titled "[Linking Climate Change Adaptation, Disaster Risk Reduction, and Loss & Damage](#)," edited by Vositha Wijenayake, Linda Anne Stevenson, Akio Takemoto, Amit Ranjan, Dennis Mombauer, and Nafesa Ismail, which is being published as a hardcover, softcover, and eBook by Palgrave Macmillan Singapore. As part of this preparation, a three-day international writeshop was held in Colombo, Sri Lanka, from October 20th to 22nd, 2022, with the authors of the project case studies for this publication to write and revise their respective manuscripts through an author-to-author peer review and co-creation process. The writeshop represented a crucial step in enhancing the quality and coherence of research and publications in the field of climate change adaptation, disaster risk reduction, and loss and damage. By fostering collaboration and knowledge sharing among authors, the event aims to produce impactful, policy-relevant research that can contribute to global and local climate action efforts.

2. Objectives

The overall objective of the project was the publication of high-quality scientific papers in a compiled publication to enhance evidence-based policy and lead to effective action at local, national, and regional levels. The case studies forming the basis of this publication were selected from projects under APN's Climate Adaptation Framework under the theme of linking CCA, DRR, and L&D.

3. Outputs, Outcomes and Impacts

Outputs	Outcomes	Impacts
Special Publication "Linking Climate Change Adaptation, Disaster Risk Reduction, and Loss & Damage"	Contribution towards the operationalization of links and synergies or development of a unified framework between CCA, DRR, and L&D through compilation of relevant knowledge and synthesis chapter outlining areas of convergence aligned with global agendas such as the UNFCCC, Sendai Framework, and SDGs.	Wider awareness of the need and potential for operational synergies for CCA, DRR, and addressing L&D Enhanced technical capacity of experts involved

4. Key facts/figures

- Virtual Contributor Workshop, 30.08.2022 – attended by contributors to the publication as well as SLYCAN Trust and APN representatives to lay the groundwork and support the writing of case study chapters
- [International Writeshop on Special Publication on Linking CCA, DRR, and L&D](#) in Colombo, Sri Lanka, 20.-22.10.2022 – attended by contributors to the publication for in-depth drafting, co-creation and peer-reviewing of chapters, knowledge exchange, and enhancing technical capacities; including a public opening segment with opening remarks from the Secretary to the Ministry of Environment of Sri Lanka
- [Special Publication "Linking Climate Change Adaptation, Disaster Risk Reduction, and Loss & Damage"](#)
- 9 promotional video interviews (see media section below)
- Promotion of the special publication at COP27 and COP28



Opening day of the international writeshop, 20.10.2022

5. Publications

Wijenayake, Vositha, Stevenson, Linda Anne, Takemoto, Akio, Ranjan, Amit, Mombauer, Dennis, & Ismail, Nafesa (eds.) (2024). *Linking Climate Change Adaptation, Disaster Risk Reduction, and Loss & Damage*. Singapore: Palgrave Macmillan Singapore. ([Link](#))

6. Media reports, videos and other digital content

- 1) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Mr. Dennis Mombauer](#)
- 2) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. Akio Takemoto](#)
- 3) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. Kees Van Der Geest](#)
- 4) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. Lam Vu Thanh Noi](#)
- 5) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. Linda Anne Stevenson](#)
- 6) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. S. V. R. K. Prabhakar](#)
- 7) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Dr. Senaka Basnayake](#)
- 8) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Ms. Hina Lotia](#)
- 9) [Linking Climate Change Adaptation, DRR, and Loss and Damage | Mr. Michael Boyland](#)

7. Pull quotes

Vositha Wijenayake, Executive Director (Global), SLYCAN Trust (Project Leader): *“This publication is a collective effort of multiple actors with diverse technical expertise. Its editors and authors hope to identify strategic opportunities for scaling up evidence-based solutions to address climate risks and impacts, achieve SDGs, and enhance long-term resilience through inclusive, participatory, and interconnected approaches.”*

8. Acknowledgments

We would like to warmly thank APN for their support and guidance as well as the contributors to this publication and all who worked on the original projects for their efforts, hard work, and willingness to contribute their time, experience, and unique expertise to put this publication together in a fruitful and productive endeavour. We would also like to thank Dr. Anil Jasinghe, former Secretary to the Ministry of Environment of Sri Lanka, for his opening remarks as representative of the host country for the international writeshop, and the team members of SLYCAN Trust for their contributions to research, editing, and the smooth running of project activities.