

Climate Change, Disasters, and Development

Overview

The Climate Change, Disasters, and Development research cluster is dedicated to supporting decision-makers and at-risk communities in tackling climate change, enhancing disaster resilience, and promoting sustainable development. Through collaboration with research institutions, governments, civil society organizations, businesses, grassroots communities, and donors in Asia and the Pacific, we generate credible knowledge for decision-making at all levels.

Our goals encompass engaging in relevant policy processes to tackle climate change and disaster risk, building the capacities of key stakeholders to promote inclusive action, empowering marginalized and at-risk communities, and supporting the Sustainable Development Goals (SDGs), the Paris Agreement, and the Sendai Framework for Disaster Risk Reduction (DRR). Through these objectives, we aim to create a more resilient and sustainable future for all.

Areas of focus



Produce practical knowledge on climate change adaptation, mitigation, disaster resilience, and sustainable development.



Empower marginalized and at-risk communities.



Engage in policy development and implementation of global frameworks.



Conduct cutting-edge research on emerging regional priorities, including systemic risks, slow-onset emergencies, energy transition, and multi-dimensional poverty.

Ongoing Projects



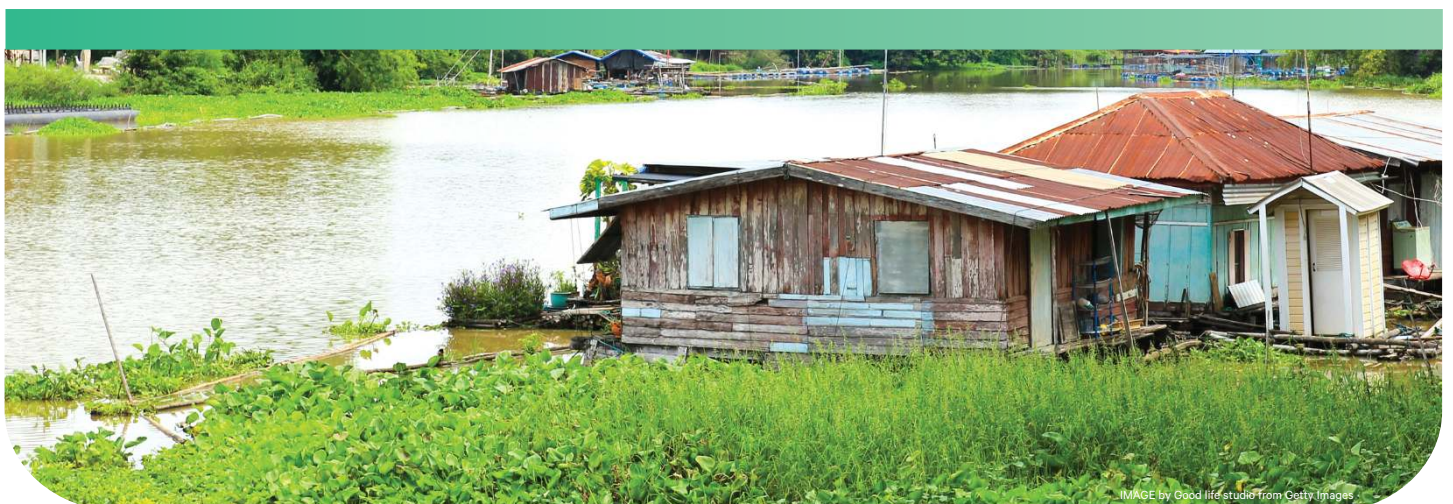
GCRF Living Deltas Hub: Leading the work on understanding which SDG interlinkages matter most to allow stakeholders to focus on targets with strong synergies, understand trade-offs and make SDG implementation and review more coherent at delta scales.



Girls' Activism and Leadership for Climate Justice in Asia and the Pacific: Documenting girls' and young women's role in demanding climate action and justice in Asia and the Pacific.



Longitudinal Study of Agrarian Change in Northeast Thailand: Providing a unique longitudinal view of livelihood change since 1982 in a country undergoing profound and rapid economic and social change.





Community Climate Resilience in Critical Mineral Supply Chains: Diagnosing climate risk in critical mineral supply chains and build the resilience of communities embedded in the mining sector.



Mekong Region Land Governance Project on Climate Change and Tenure Security: Focusing on policies and practices for recognising Customary Tenure and Responsible Agricultural Investment.



Southeast Asia Regional Workshop on Loss and Damage: Developing an understanding of loss and damage, particularly in the context of Southeast Asia.

Past Projects



Building Resilience through inclusive and climate-adaptive Disaster Risk reduction (BRDR): Establishing evidence-based methods, tools and practices for building resilience of the most vulnerable communities in Nepal and the Philippines.



SEI-RWI Partnership on Human Rights and Climate Change: The Raoul Wallenberg Institute of Human Rights and Humanitarian Law (RWI) has partnered with SEI on human rights and climate change.



Strategic Collaborative Events on LGBTQI and Youth: Addressing the unique challenges and a wide range of unique resources, skills and knowledge to deal with the impacts of climate change.

Impact



Strengthened decision-making and cooperation on climate change adaptation and disaster risk reduction at regional, national, and sub-national levels.



Integration of health and well-being into planning for climate change, disasters, and mobility.



Reduced suffering among marginalized and at-risk communities through timely responses to social and environmental challenges.



Promoted productivity, resilience, and sustainability in major Asian deltas.



Enhanced international cooperation in climate change adaptation and disaster risk reduction.

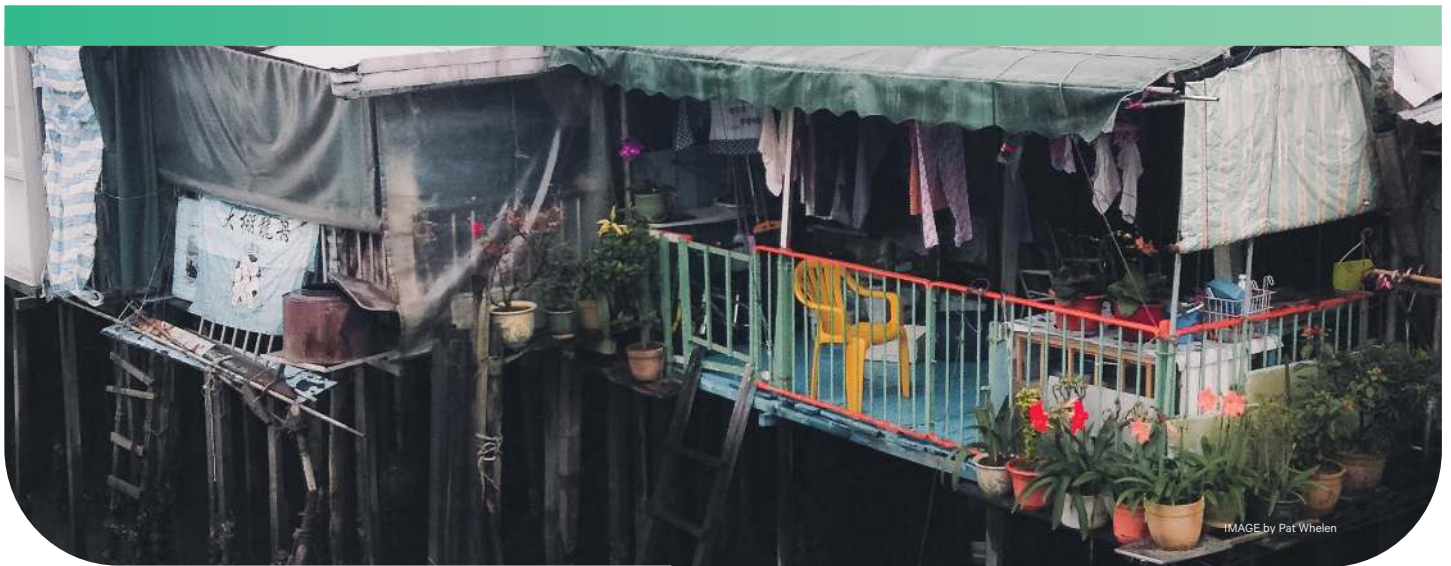


IMAGE by Pat Whelen

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More information



SEI Asia, based in Bangkok, has a diverse team of multinational experts that integrates scientific research with participatory approaches to co-develop and share knowledge, build partnerships, and inform policy for resilient development. It focuses on gender equality and social equity, climate adaptation, reducing disaster risk, water insecurity and integrated water resources management, transitional agriculture, renewable energy and urbanisation.

SEI Asia is an affiliate of Chulalongkorn University (CU), Thailand. SEI and CU have inked a long-term agreement to foster innovative scientific research combined with effective policy engagement on development and environmental challenges in Asia. The key areas of collaboration are: intellectual engagement for joint research applications and fund mobilization; lecturing and seminars for CU's students; post-graduate supervision and examination; and, CU-SEI employee linkages.