

SEI Asia theme: climate change, disasters and development



October 2018

The Climate Change, Disasters and Development (CCDD) theme at SEI Asia works with at-risk and vulnerable individuals, groups and communities in Asia to enhance their resilience to disasters and climate change through responsive science-to-policy engagement and capacity building.

We produce timely, cutting-edge knowledge on climate change adaptation and transformation in development and disaster risk, guided by the Sendai Framework for Disaster Risk Reduction, the Paris Agreement on climate change, and the 2030 Agenda for Sustainable Development as vehicles for dialogue and engagement.

CCDD also hosts the **International Centre of Excellence on Transforming Development and Disaster Risk** (ICoE-TDDR), endorsed by the Integrated Research on Disaster Risk programme (IRDR), in which SEI serves as a principal partner.

Areas of work

Climate Change, Disasters and Development focuses on five research and practice areas:

- **Transformative pathways in climate change adaptation, development and disaster risk:** Enabling transformative, risk-sensitive policies and inclusive practices on climate change adaptation, disaster risk reduction and development to achieve equitable, resilient and sustainable outcomes.
- **Empowering climate and disaster vulnerable and at-risk groups:** Identifying solutions and developing innovative and inclusive approaches for improving access to climate and disaster risk knowledge and building the resilience of at-risk and vulnerable groups.
- **Tools and services for climate change adaptation and disaster risk reduction:** Developing tools and services to build the capacities of community, sub-national and national stakeholders to respond effectively to disaster and climate change related risks.
- **Sustainable livelihoods, agriculture and disasters:** Fostering sustainable livelihoods following disasters, in addition to understanding how households anticipate, absorb and adapt to climate change and disaster impacts.
- **Mapping SDG interactions:** Fostering policy coherence and creating tools to help decision and policy makers implement the UN Sustainable Development Goals.

Photo (above):

© ALBERT SALAMANCA / SEI

Published by:

Stockholm Environment Institute
15th Floor Witthyakit Building
254 Chulalongkorn University
Chulalongkorn Soi 64
Phyathai Road
Pathumwan Bangkok 10330
Thailand
Tel: +66 2 251 4415

Contact:

albert.salamanca@sei.org

Visit us: sei.org

@SEIresearch

@SEIclimate

Stockholm Environment Institute is an international non-profit research and policy organisation that tackles environment and development challenges.

We connect science and decision-making to develop solutions for a sustainable future for all.

Our approach is highly collaborative: stakeholder involvement is at the heart of our efforts to build capacity, strengthen institutions, and equip partners for the long term.

Our work spans climate, water, air, and land-use issues, and integrates evidence and perspectives on governance, the economy, gender and human health.

Across our eight centres in Europe, Asia, Africa and the Americas, we engage with policy processes, development action and business practice throughout the world.



© SEI

Selected projects

Building resilience through inclusive and climate-adaptive disaster risk reduction in Asia and the Pacific: Enhances regional cooperation and creates multi-level outcomes through inclusive and gender-equal risk reduction across Asia and the Pacific. The project develops and supports the implementation of innovative and inclusive measures that link stakeholders working in development, disaster risk reduction, climate resilience and emergency preparedness.

Disability and disasters: Examines the challenges people with disabilities face in responding to disasters and risk, and identifies solutions for mainstreaming disability-inclusive disaster risk reduction planning and action in Southeast Asia.

Human rights, environment and climate change in Southeast Asia: Aims to strengthen knowledge on the connections among human rights, gender equality, environment and climate change, and to drive actions that support respect for human rights. Under this project, the human rights dimensions of the Paris Agreement and nationally determined climate change commitments in Asia and the Pacific were assessed.

Mapping SDG interactions: Supports national policy coherence and effective implementation of SDGs. This project is currently being implemented in Sri Lanka.

Protecting persons displaced in the context of disasters in Asia and the Pacific – A human rights-based approach to law, policy and practice in ten countries: Examines the durable solutions crafted for people internally displaced as a result of disaster and climate change and recommends options on how to strengthen the solutions in the context of domestic laws and policies.

School of Climate and Living Traditions (SaLT): As part of the **SEI Initiative on Climate Services**, SaLT unpacks the roles traditional climate knowledge plays in improving climate information services to enable inclusive and proactive climate change adaptation and resilience building.

Perceptions of climate-related investment risks and stranded assets in Southeast Asia's renewable energy sector: Seeks to understand and explain (a) why countries are making plans for – and investors are investing in – fossil-based power generation instead of renewable or clean generation options in the region; and (b) what it would take to substantially shift investment to renewable options.

SEI Initiative on Transforming Development and Disaster Risk: Seeks to integrate disaster risk reduction with equitable, sustainable and resilient development by transforming the relationship between development and disaster risk reduction. Tools, approaches and guidelines are produced.