



ACCCRN Thailand



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



SUPPORTED BY
THE ROCKEFELLER FOUNDATION



ACCCRN Thailand



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute

Thailand Environment Institute (TEI)

- To engage with local governments – city municipality
- To assess level of readiness for urban – resilience initiative

Asian Disaster Preparedness Centre (ADPC)

- To provide support and expertise on technical and physical assessments of disasters and climate related issues





Phase I: City selection



Objectives

- 1) To understand physical, social, political, and economic aspects of short-listed cities, as well as climate risks and vulnerability in urban contexts
- 2) To assess and evaluate short-listed cities, using data and information collected
- 3) To select 2 target cities for the ACCCRN, based on level of competency, capacity, governance and climate risks



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



Short-listed cities



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



Muang district,
Chiang Rai

Muang district,
Udon Thani



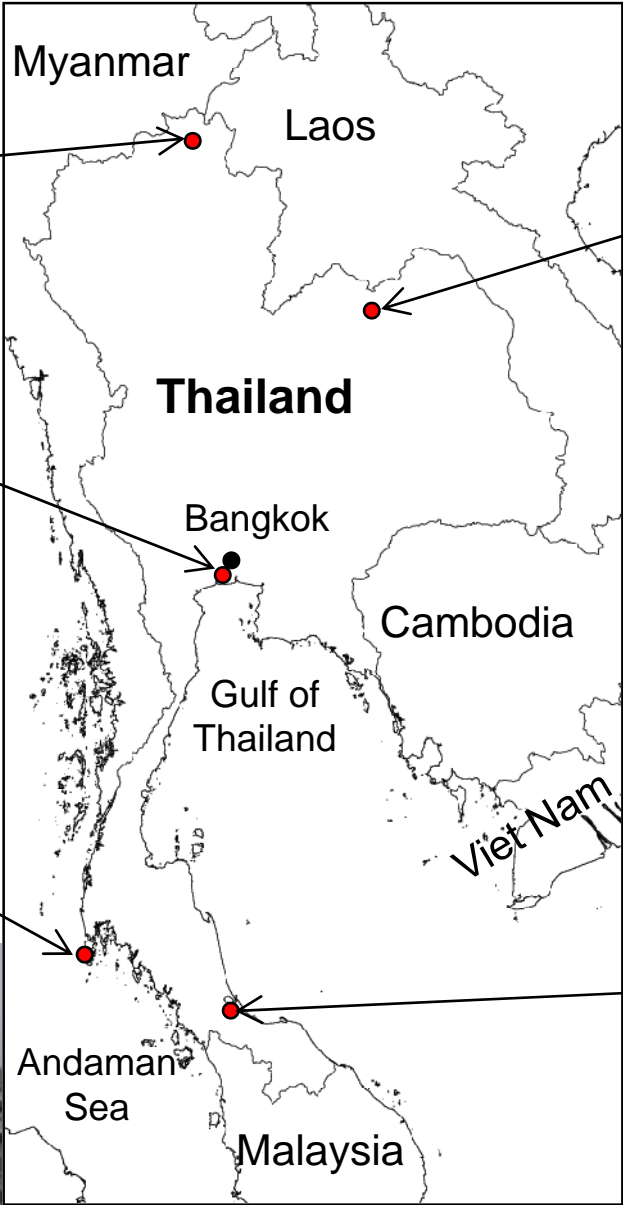
Muang district,
Samut Sakorn



Muang district,
Phuket



Hat Yai district,
Songkhla



ACCCRN Thailand: Phase I

Advisory Group

- National Municipal League of Thailand (NMLT)
- Department of Public Works and Town and Country Planning (DPWTCP)
- Thailand Greenhouse Gas Management Organisation (TGO)
- Department of Disaster Preparedness and Mitigation (DDPM)
- Department of Local Administration (DLA)
- Office of Natural Resources and Environmental Policy and Planning (ONEP)
- The Southeast Asia director of System for Analysis Research and Training



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



SUPPORTED BY
THE ROCKEFELLER FOUNDATION



ACCCRN Thailand: Phase I

City partners

- City Mayor or Deputy Mayor
- City Clerk or Deputy of the city
- Chair of the Provincial Municipal League
- Public Health and Environment Department
- Provincial Administrative Organisation
- Provincial Government Offices – Disaster Prevention and Mitigation, Public Works and Town and Country Planning, Public Health, Agriculture, Industry
- Provincial Chamber of Commerce



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



Engagement and site visits



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



City selection criteria

- 1) City competency and capacity to engage in urban – resilience project
- 2) Governance of city and political stability
- 3) Climate risks and trends



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute





ACCCRN Thailand: Phase I

Results.....

Similarities....

- Availability of data at city level
- Lack of information on poverty, poor communities, illegal immigrants
- Incomplete information on past disasters or climate change at city level
- Common city problems – floods, water shortage, waste management, land use activities, illegal immigrants, pollution



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute





ACCCRN Thailand: Phase I

Results.....

Differences....

- Perception and level of awareness on climate change risks
- Level of preparedness
- Political strength/stability
- Existing plans tackling environmental and disaster issues



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute





Existing programmes....

- Udon Thani – Flood Prevention and Mitigation Centre
- Chiang Rai – Urban Biodiversity Project
- Hat Yai – construction of water retention to reduce floods
- Samut Sakorn – bamboo walls to mitigate severe coastal erosion



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



Climate change risks / natural disaster vulnerability

	Udon Thani	Chaing Rai	Phuket	Hat Yai	Samut Sakorn
Floods	5	4	2	4	1
Landslides	2	4	5	2	0
Storm surge	1	1	5	2	0
Tropical storms	5	5	2	2	0
Drought	5	4	1	1	0
Sea level rise	1	1	5	2	5

- 0= No data ; 1= No occurrence; 2= Low; 3= Medium; 4=High; 5= Very high



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute





Next activities...

Decision making... selecting 2 cities

Engaging more actively with national stakeholders



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute



ACCCRN Thailand: Phase I



สถาบันสิ่งแวดล้อมไทย
Thailand Environment Institute

