MRC
Climate Change Adaptation Demonstration Projects in
the Lower Mekong Basin
Ho Chi Minh, Viet Nam
21-22 July 2011

Urban Climate Adaptation of Chiang Rai:
Challenges and Opportunities
(ACCCRN Thailand)

Thailand Environment Institute
ACCCRN
Asian Cities Climate Change Resilience Network
Supported by Rockefeller Foundation

ACCCRN focuses on building climate resilience in urban context in 10 pilot cities of 4 countries across Asia
- India
- Viet Nam
- Indonesia
- Thailand
Chiang Rai City

Brief overview

- Population 70,000
- Strong rural-urban linkage
- Low lying area of Kok River basin
- Elevation above MSL
- Agriculture sector
- Tourism sector
- Economic / trade corridor to China
Main objective of ACCCRN in Thailand at the city level
- Strengthening capacities of cities to plan, develop and implement urban climate resilience strategies
- Integration of climate adaptation into development plans of municipality and province
Chiang Rai City

Engagement and Capacity Building
City stakeholders
- Mayor / city clerk – Chiang Rai Municipality
- Local and provincial government agencies / departments
- Academics
- Private / business sector
- Local NGOs
Chiang Rai City

Key climate vulnerabilities identified by city stakeholders

- Water supply for consumption and agricultural purposes
  - urban poor
  - farmers without irrigation
- Agriculture sector – winter crop
- Tourism sector – winter period, nature reserves, ecosystems
Chiang Rai City

Climate Resilience Strategy
- Coordination
- Water management
- Ecosystem and biodiversity
- Agriculture
  - urban agriculture
  - organic farming
- Sustainable tourism
  - eco-tourism
  - agro-tourism
Chiang Rai City

Water resources
- Urban water bodies
- Urban agriculture
- Biodiversity and ecosystems
- Additional water supply storage
Chiang Rai City

Challenge and Opportunity

- Entry point for engagement
- Key actors / champions
- Awareness and understanding of climate change and adaptation
- Jurisdiction boundaries
- Coordination abilities of municipality
- Integration and scaling up