Vulnerability Assessments & Resilience Planning
In ACCCRN & Mekong-BRACE

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Outline

• Planning with Climate Change
  – Working with “Complex Adaptive Systems” within development

• The Climate Resilience Framework
  – Understanding Vulnerability
  – Understanding Actions
  – Shared Learning Dialogues

• CRF Modules & Training
How do we plan for climate adaptation/ resilience?

- Need an approach that clarifies complex concepts
- Must be simple enough that it can be translated for local practitioners to apply in context

This approach applied in 14 cities as part of Asian Cities Climate Change Resilience Network (ACCCRN) and MBRACE
Standard “Linear” Approach

TYPICAL PLANNING FRAMEWORK

- Climate Projections
- Climate Impacts
- Vulnerability Assessment
- Adaptation Actions
Challenges

• Difficulty obtaining/interpreting climate projections & conveying **uncertainties**
• Scaling down & projecting extreme events **adds further uncertainties**
• Climate interacts with other systemic change processes
• Analysis tends to focus on direct impacts rather than systemic & cross scale issues
The Climate Resilience Framework

- Conceptual Framework for
  - assessing vulnerability and risk
  - Identifying resilience strategies
  - within an open, inclusive learning process

To address complexity and uncertainties of climate change through action and implementation.
Climate Resilience Framework
The Vulnerability Context:
The Three Components of Resilience – Systems, Agents and Institutions

- Systems
- Agents
- Institutions
Characteristics of Resilience

• Systems
  – Flexibility & Diversity
  – Redundancy & Modularity
  – Safe Failure

• Agents
  – Responsiveness
  – Capacity to learn
  – Resourcefulness

• Institutions
  – Access
  – Openness
  – Information
Shared Learning Dialogue
Climate Resilience Framework

Training and Use Modules

http://training.i-s-e-t.org/

• Preparing for the process
• Assessing Vulnerability
• Resilience Planning Process
• Benefits and Cost Analysis
Climate Resilience Framework
Training and Use Modules

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INTRODUCTION TO SERIES 2: UNDERSTANDING VULNERABILITY & RISK

UNDERSTANDING VULNERABILITY & RISK

Series 2 systematically walks the newly formed climate working group through some of the steps involved in conceptualizing, compiling, analyzing and utilizing an initial citywide vulnerability and climate risk study. This series is designed for a community and/or working group with little previous experience conducting climate vulnerability and risk assessments. However, communities that have conducted vulnerability and risk assessments previously will find that this module series contains tips that help re-evaluate previously collected data in a more systematic manner, allowing clear identification of gaps.
Climate Resilience Framework
Training and Use Modules

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Thank You

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