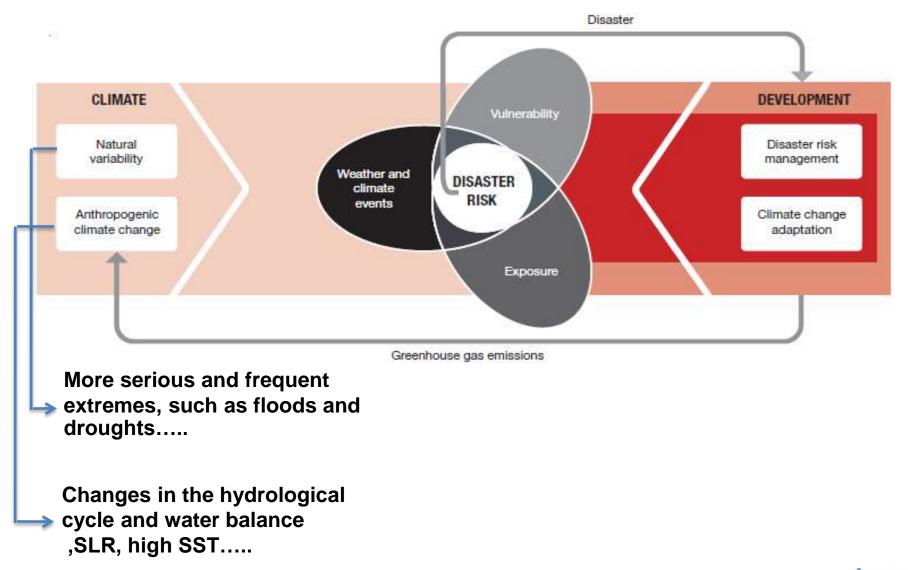


The IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation

Seree Supratid, Lead Author IPCC Governor, Provincial Waterworks Authority

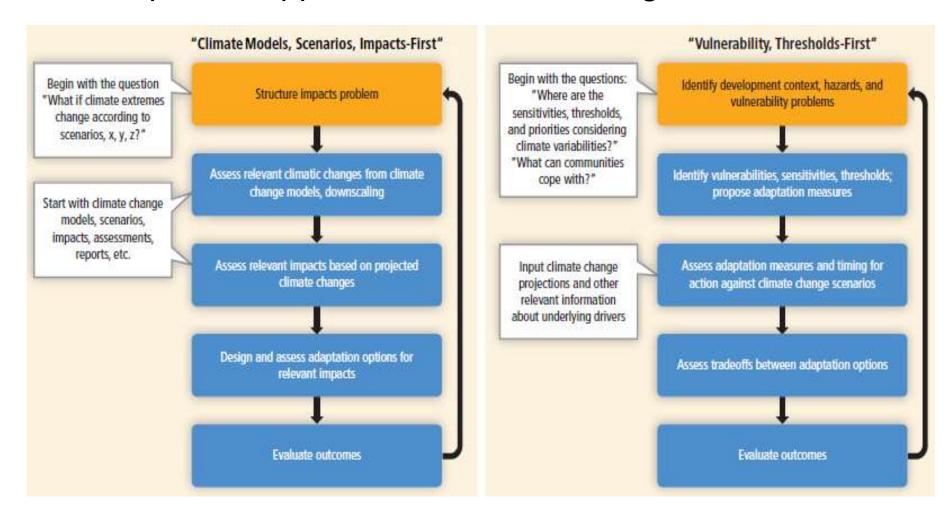


Inter-linkages of the SREX core concept





Adaptation approaches for minimizing uncertainties

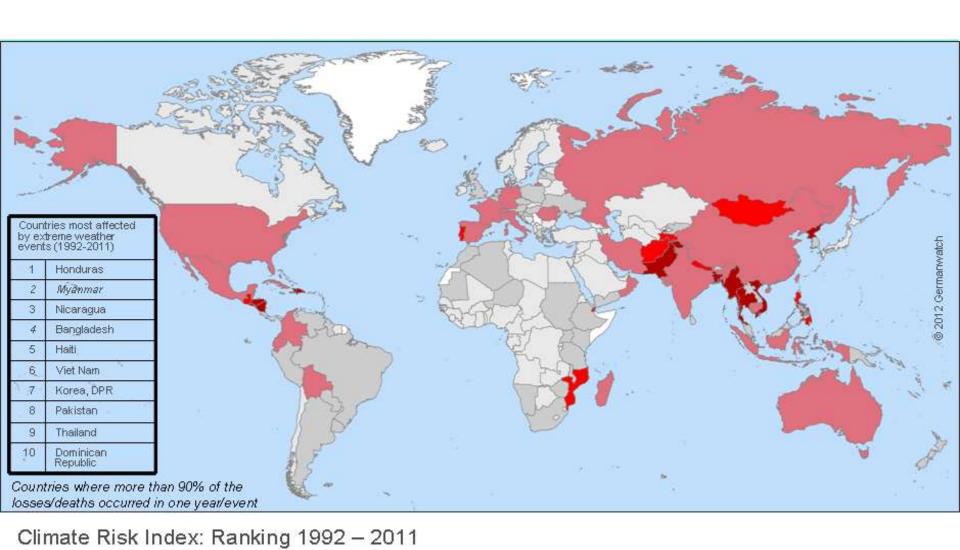


Scenario-based approach

Adaptive-management approach



High vulnerability from CC



1 - 10

11 - 20

, . . .

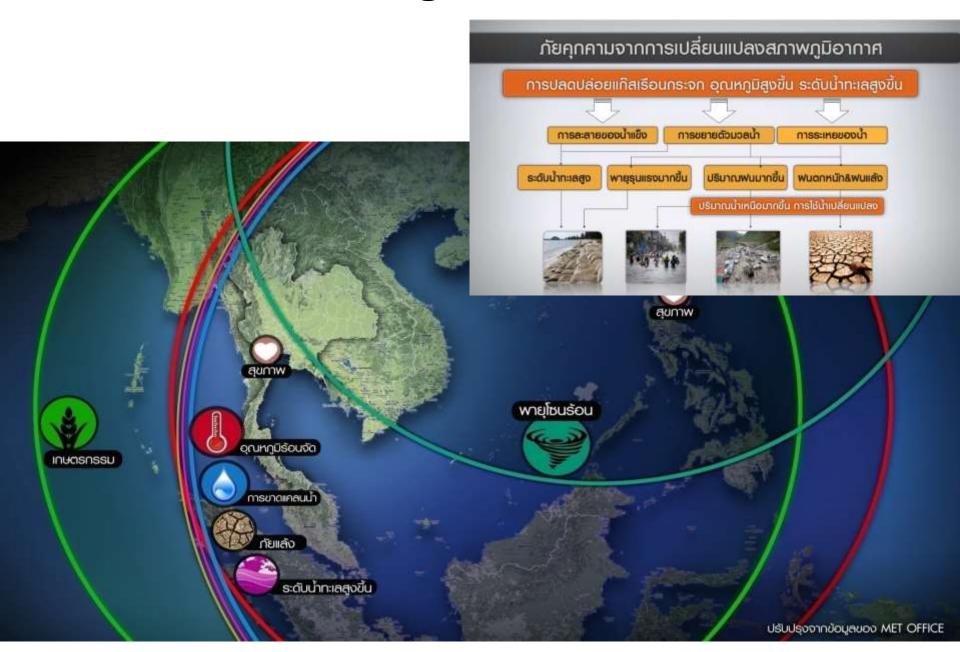
21 - 50

51 - 100

> 100

No data

Climate Change vulnerable circle



Climate Change

Driver

Energy

Increasing Temperatures



Decreasing Water Availability



Increasing Storms, Flooding, and Sea Level Rise



Oil & Gas Exploration and Production





Thermoelectric Power Generation



Renewable Energy Resources



Electric Grid



Energy Demand



Mitigation

Adaptation

- Sustainable transportation
- · Energy conservation
- Building Code changes to improve energy efficiency
- · Renewable energy
- Expand deep lake water cooling
- Improve vehicle fuel efficiency
- Capture and use landfill & digester gas

- Geothermal
- Solar thermal
- District heating
- Building design for natural ventilation
- Tree planting & care
- Local food production
- Water conservation
- Green roofs

- Infrastructure upgrades: sewers & culverts
- Residential programs: sewer backflow & downspout disconnection
- Health programs: West Nile, Lyme disease, Shade Policy, cooling centres, smog alerts, Air Quality Health Index
- Emergency & business continuity planning
- Help for vulnerable people

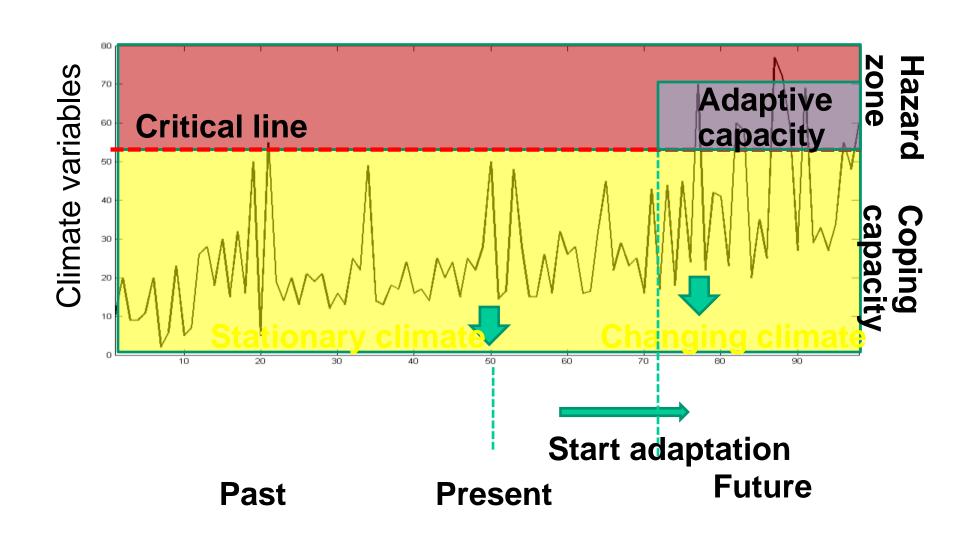
Mitigation: the globally responsible thing to do

Actions that reduce the emissions that contribute to climate change.

Adaptation: the locally responsible thing to do

Actions that minimize or prevent the negative impacts of climate change.

Adaptive capacity



บูรณาการระหว่าง DRR และ CCA

