



# ECONOMICS OF CLIMATE CHANGE ADAPTATION TRAINING PROGRAMME

Asian Institute of Technology Conference Centre, Pathumthani, Thailand  
21 August to 01 September 2017

## DRAFT AGENDA

### BLOCK 1: Introduction

1. Introduction to the Economics of Climate Change Adaptation Programme and the economic impacts of climate change
2. Presentation by participants

### BLOCK 2 TRACK 1: Sector Economic Analysis

1. Overview of Climate Change Impact Analysis and Adaptation Models
2. Introduction to Sectoral Analysis of Climate Change
  - Agriculture
  - Forestry
  - Water
3. Impact of Climate Change on Agriculture sector: Ricardian Analysis
4. Overview of Agricultural survey and sampling
5. Data Analysis:
  - Introduction to STATA and review of basic STATA commands
  - Data analysis with STATA
6. Climate change adaptation models:
  - Introduction to discrete choice models:  
Logit and probit
7. Deconstruction of Analyses conducted during the ECCA Programme



## BLOCK 2 TRACK 2: Cost Benefit Analysis for Climate Change Adaptation Proposals

8. Welfare Foundations of Cost-Benefit Analysis and the Concept of Economic Values
  - Criterion to assess a particular project
  - Measuring changes in welfare
9. The Various Features of Cost-Benefit Analysis
  - The role of Cost-Benefit analysis
  - Economic, financial and fiscal analysis
  - Economic versus cost-effectiveness analysis
  - Economic versus environmental impact analysis
10. Conducting Cost-Benefit Analysis
  - Defining the scope of analysis
  - Identifying the predicted impacts: with or without the project
  - Monetizing the impact
  - Discounting
  - Transfer payments
  - Economic valuation of environmental impacts
11. Criteria to Select Projects
12. Review of Cost-Benefit Analysis Case Studies from Green Climate Fund Proposals

## BLOCK 3: Cost-Benefit Analysis Application to Actual Project Proposals

1. Proposal development and presentation by participants
2. Final training evaluation and closing plenary discussion