



Agenda

Economics of Climate Change Adaptation (ECCA)

21 August – 1 September 2017

Asian Institute of Technology, Pathum Thani, Thailand

Block 1

Day 1: Monday, 21 August 2017

8:30 – 9 a.m.	Registration
9 – 9:45 a.m.	Welcome and Opening remarks <ul style="list-style-type: none">• Surendra Shrestha – Vice-President for Development AIT• Gordon Johnson (TBC) - UNDP• Bikram Gosh – Chief of Party USAID Adapt Asia-Pacific• Osamu Mizuno – Director RRCAP Group Photo
9:45 – 10.15 a.m.	Coffee Break
10.15 – 11.15 a.m.	Block 1: Introduction to the Economics of Climate Change Adaptation Programme and economic impacts of climate change – Robert Dobias (USAID)
11.15 a.m. - 12	Introduction to the National Adaptation Plan (NAP) process – Julie Teng (UNDP)
12 – 1 p.m.	Lunch
1 – 3 p.m.	Presentation by participants
3 – 3:30 p.m.	Coffee break
3:30 – 4 p.m.	Presentation by participants (continued)
4 – 5 p.m.	Discussion – Questions & Answers
7 – 9 p.m.	Reception Dinner

Block 2

Training will start every day at **8.30am** and finish around **5.00pm** with one-hour **lunch break at 12.00**. Generally **coffee breaks** will take place around **10 a.m.** and **3.00 p.m.**

Trainers will take a flexible approach to better adjust the sessions to needs of the group and to ensure all contents are covered. Depending on how sessions progress adjustments in coffee break and ending times may be made. Some **evening** and **weekend work** may also be required.

Day 2 to Day 5: Tuesday, 22 August 2017 to Friday, 25 August 2017

TRACK 1: Sector Economic Analysis – Babatunde Abidoye (UNDP)

1. Overview of Climate Change Impact Analysis and Adaptation Models
2. Macro-Economic Assessment of Climate Change Impacts
3. Introduction to analysis of climate change impacts on economic sectors:
 - a. Agriculture
 - b. Forestry
 - c. Water
4. Measuring economic impacts of climate change on agriculture: Ricardian Analysis
5. Overview of Agricultural survey and sampling
6. Data Analysis:

Introduction to STATA and review of basic STATA commands Data analysis with STATA
7. Climate change adaptation models:
 - a) Introduction to discrete choice models: Logit and probit
 - b) Deconstruction of Analyses conducted during the ECCA Programme

Day 6 to Day 9: Monday, 28 August 2017 to Thursday, 31 August 2017

TRACK 2: Cost Benefit Analysis for Climate Change Adaptation Proposals – Benoit Laplante (UNDP)

1. Welfare Foundations of Cost-Benefit Analysis and the Concept of Economic Values
 - a. Criterion to assess a particular project
 - b. Measuring changes in welfare
2. The Various Features of Cost-Benefit Analysis
 - a. The role of Cost-Benefit analysis
 - b. Economic, financial and fiscal analysis
 - c. Economic versus cost-effectiveness analysis
 - d. Economic versus environmental impact analysis
 - e. Timing of the economic analysis
 - f. Cost-Benefit Analysis in practice
3. Cost-Benefit Analysis: Steps and expertise
4. Conducting Cost-Benefit Analysis: Steps 1 to 3
 - a. Defining the scope of analysis
 - b. Identify all potential physical impacts of the project
 - c. Quantify the predicted impacts: With and without project
5. Cost-Benefit Analysis Step 4: Monetizing the impact
 - a. Discounting
 - b. Transfer payments
 - c. Economic valuation of environmental impacts
6. Transfer payments
7. Economic valuation of environmental impacts
8. Social Cost of Carbon
9. Benefit Transfer Methodology
10. Criteria to select a project
11. Discounting
12. Sensitivity Analysis
13. Economic analysis of climate-proofing investment projects

Block 3

Day 10: Friday, 1 September 2017

8:30 – 10 a.m.	Proposal finalization – Questions & Answers with trainers
9:30 – 10 a.m.	Coffee Break
10 – 12 a.m.	Proposal finalization – Questions & Answers with trainers (continued)
12 – 1 pm	Lunch
1 – 3 p.m.	Presentation by participants
3 – 3:30 p.m.	Coffee break & Fill-in training evaluation form
3:30 – 4 p.m.	Presentation by participants (continued)
4 – 5 p.m.	Closing plenary discussion

Note: Attendance certificates will only be awarded against the submission of the online post-training evaluation form by each participant.