# DAY 1: 14 April

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<td>08:00 – 08:15</td>
<td>Registration</td>
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<td>08:15 – 08:30</td>
<td>Introductions and Welcoming Remarks, Nana Boateng</td>
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<td>08:30 – 09:30</td>
<td>Introduction, Dan Honig</td>
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<td>Why Evaluate Agricultural Projects? Dan Honig</td>
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<td>What is Evidence-Based Policy Making?</td>
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<td>Monitoring versus Evaluation</td>
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<td>How Do Impact Evaluations Answer Policy Questions?</td>
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<td>Challenges in Evaluating Agricultural Projects, Dan Honig</td>
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<td>Challenges in Collecting Agricultural Data</td>
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<td>Spillover/Indirect Effects of Agricultural Programmes</td>
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<td>09:30 – 10:30</td>
<td>Quantitative Ex Post Evaluation Methods, Beyza Polat</td>
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<td>Formulating the Causal Effect and the Counterfactual</td>
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<td>Impossibility of Observing the Counterfactual</td>
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<td>Estimating the Counterfactual: Control and Treatment Groups</td>
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<td>Intention to Treat (ITT) versus Treatment on the Treated (TOT)</td>
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<td>Selection Problem (Selection Bias)</td>
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<td>Non Experimental Evaluation Methods – When is It Good (and/or Necessary)</td>
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<td>to Use Them?</td>
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<td>10:30 – 11:00</td>
<td>Coffee break</td>
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<td>11:00 – 12:00</td>
<td>Randomised Controlled Trials (RCT), Laura Poswell</td>
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<td>What is Randomized Assignment?</td>
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<td>When Can It Be Used?</td>
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<td>Estimating Impact with Randomised Assignment</td>
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<td>Concerns with Randomisation (Ethical Issues, External Validity, Partial</td>
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<td></td>
<td>or Lack of Compliance, Selective Attrition, Spillovers)</td>
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<td>Case-study examples</td>
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...continued
12:00 – 13:00 Lunch

13:00 – 14:00 Differences in Differences (DID), Dan Honig
   - What is DID?
   - How is This Method Helpful?
   - Under What Conditions Is It Safe/Good to Use This Method? – Importance of “Equal Trends” Assumption

14:00 – 15:30 Instrumental Variables (IV) Estimation, Beyza Polat
   - What is IV Estimation?
   - When Can It Be Used?
   - What Are the Two Assumptions That ‘A Suitable IV’ Should Satisfy?
   - How Does It Help with Solving the Selection Problem?
   - Case Study: What Are the Dynamic Effects of Fertilizer Subsidies on Household Well-Being? Evidence from Malawi

Propensity Score Matching (PSM), Beyza Polat
   - What is PSM?
   - How Does It Help with Alleviating Selection Bias?
   - Different Methods for Matching Participants and Nonparticipants in the Area of Common Support
   - Case Study: Impact of Cooperatives on Smallholders’ Commercialisation Behavior: Evidence from Ethiopia

Regression Discontinuity Design (RDD), Beyza Polat
   - What is RDD?
   - When Can It Be Used?
   - How Does It Help with Solving the Selection Problem?
   - Case Study: Rural Roads and Intermediated Trade: Regression Discontinuity Evidence from Sierra Leone

15:30 – 16:00 Coffee break

...continued
16:00 – 17:00 Qualitative versus Quantitative Evaluation Methods, Beyza Polat

Definitions of Qualitative versus Quantitative Evaluation Techniques
The Case for Mixing Methods: What Do Qualitative Methods Add to Quantitative Approaches?

Case Study: The Impact of Agroforestry-Based Soil Fertility Replenishment Practices on the Poor in Western Kenya

Ex-Ante versus Ex-Post Evaluation Methods

Definitions of Ex Ante versus Ex Post Evaluation Techniques
How Do These Two Methods Differ?

Case Study: The Economic Impacts of Introducing Bt Technology in Smallholder Cotton Production Systems of West Africa: A Case Study from Mali

DAY 2: 15 April

08:30 – 10:00 How to Evaluate Agricultural Projects – I, Beyza Polat

Building the Results Chain
Selecting Performance Indicators
Sample Selection
Formulating and Testing the Hypotheses

10:00 – 10:30 Coffee break

10:30 – 12:00 How to Evaluate Agricultural Projects – II, Beyza Polat

Collecting Data
Producing Findings and Writing an Evaluation Report

Institutionalizing Impact Evaluation, Beyza Polat

12:00 – 13:00 Lunch

13:00 – 14:15 Interactive Country Case Study Session I: Malawi, Dan Honig

Program I: Farm Input Subsidy Program
Description of the program
Choice of Evaluation Methods (2 evals)
Discussion of the pros and cons of this method
Presentation of case evaluation(s) findings
Discussion of findings

…continued
14:15 – 15:30  Interactive Country Case Study Session II: Mali, Dan Honig

Program I: West African Cotton Improvement Program
Description of the program
Choice of Evaluation Method (1 eval)
Discussion of the pros and cons of this method
Presentation of case evaluation(s) findings
Discussion of findings

Program II: National Rural Infrastructure Program
Description of the program
Choice of Evaluation Method (1 eval)
Discussion of the pros and cons of this method
Presentation of case evaluation(s) findings
Discussion of findings

15:30 – 16:00  Coffee break

16:00 – 17:30  Interactive Country Case Study Session III: Participants’ Application of Learnings, Dan Honig

Groups (formed at the beginning of the afternoon) will choose a model project to design an evaluation. In groups they will explore, with facilitators’ support:

What to evaluate
What data is available
Choice of evaluation method
Plan for implementing evaluation
Expected findings
Incorporating findings into policy.

Each group will then briefly (approx.. 5 mins) share their proposal with the larger group for discussion.

17:30 – 18:00  Open Discussion and Closing, Nana Boateng

19:30 –  Official Dinner