



Standing  
Panel on  
Impact  
Assessment

## Measurement error and the adoption of agricultural innovations: Building the research agenda

Workshop at Paris School of Economics, 16th (all-day) and 17th (am only) December 2019

Contact: [j.stevenson@cgiar.org](mailto:j.stevenson@cgiar.org)

### DAY 1 - AGENDA

Session 1: 08:30 – 10:30

Karen Macours: Welcome; Review of SPIA's objectives for the workshop

**Theme - How do we figure out when micro-level measurement error really matters?** Some instances of measurement error will be first-order concerns. Others less so. How do we tell the difference?

Pitches of ideas from: Kibrom Abay; Tesfamicheal Wossen

Response from John Gibson to kick off discussion

Session 2: 11:00 – 13:00

**Theme - Macro implications of mis-measurement?** Measurement error in certain micro-level variables can lead to mis-diagnoses with macro-level implications. Which big questions in agricultural development might this apply to?

Travis to frame (including slides contributed by Doug Gollin)

Perspectives from: Sara Esfahani; Leah Bevis

Response from Andrew Dillon to kick off discussion

Session 3: 14:00 – 16:00

**Theme - What is the analytical agenda for using new soil measures?** We are now able to learn a lot about soil heterogeneity and misperceptions of soil quality by farmers. What are the interesting areas for research here?

Pitches from: Ermias Betemariam; Leah Bevis; Gero Carletto

Response from Tanguy to kick off discussion

Session 4: 16:30 – 18:00

**Theme – DNA fingerprinting at scale.** Given the severity of NCME found in experimental studies of farmer self-reported data on varietal adoption, we are now scaling up fingerprinting in a few countries. What should be trying to learn from these efforts?

Contributions from: Frederic Kosmowski; Vijesh Kirshna; Mequanint Biset

Response from Rachid Laajaj to kick off discussion

### DAY 2

Issues that came up on Day 1 that were unresolved, PLUS Discussions of community-level data (Nancy McCarthy), gendered aspects of measurement error (Erin Lentz) and, discussion of opportunities for new projects