



Independent
Science and
Partnership
Council



RESEARCH
PROGRAM ON
Policies,
Institutions,
and Markets



Conference Program

Impacts of international agricultural research: Rigorous evidence for policy

6-8 July 2017 • Nairobi, Kenya • World Agroforestry Centre

[#AgResearchImpact](#)

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*Organized by the ISPC's Standing Panel on Impact Assessment (SPIA) and
the CGIAR Research Program on Policies, Institutions, and Markets (PIM)*

Thursday 6 July 2017

ADOPTION OF TECHNOLOGIES

08:30 Arrival, registration

PLENARY SESSION: INTRODUCTIONS AND INVITED PAPER - CONFERENCE HALL*Moderator: Karl Hughes*

09:00	Welcome from ICRAF/ILRI	<i>Iain Wright</i>
09:10	Welcome from SPIA and overview of program	<i>Doug Gollin</i>
09:15	Welcome from PIM	<i>Karen Brooks</i>
09:20	Introductory talk: "The rigor revolution in impact assessment"	<i>Doug Gollin</i>
09:40	Invited paper: "The adoption puzzle - what can the CGIAR learn from field experiments of new agricultural technologies?"	<i>Alain de Janvry</i>
10:20	Discussion led by	<i>Derek Byerlee</i>
10:45	<i>Coffee</i>	

**11:15 PLENARY PANEL DISCUSSION:
USE OF EVIDENCE IN AN ERA OF "ALTERNATIVE FACTS"** - CONFERENCE HALL*Moderator: JV Meenakshi*

What kinds of evidence for evidence-based policy?	<i>Nancy Cartwright</i>
Use of evidence in decision-making in the Alliance for a Green Revolution for Africa (AGRA)	<i>Agnes Kalibata</i>
The politics of evidence in donor agencies and international organizations	<i>Catherine Weaver</i>
DFID perspectives on standards of evidence	<i>Howard Standen</i>
IFAD perspectives on standards of evidence	<i>Alessandra Garbero</i>
PEP: Building capacity for rigorous policy-engaged research	<i>Jane Mariara</i>

12:45 *Lunch***14:00 PARALLEL SESSION****SESSION A: WHY DON'T FARMERS KNOW WHICH VARIETIES THEY ARE GROWING? INSIGHTS ON AFRICAN SEED SYSTEMS FROM DNA FINGERPRINTING (SPIA LED)** - CONFERENCE HALL*Moderator: Richard Caldwell*

Summary of multiple validation surveys against self-report and expert opinion studies	<i>Mywish Maredia</i>
Blowing in the wind: the quest for accurate crop variety identification in field research, with an application to maize in Uganda	<i>Talip Kilic</i>
Counterfeit seed: comparing genetic tests and germination rates to identify the prevalence and source of counterfeit maize in Western Kenya	<i>Emilia Tjernstrom</i>
Measuring the productivity impacts of adoption in the presence of misclassification	<i>Tesfamichael Assfaw</i>
Discussion led by	<i>Tom Walker, B M Prasanna</i>

SESSION B: INNOVATIONS TO PROMOTE SCALING UP OF TECHNOLOGY ADOPTION (PIM LED) - LUNDGREN AUDITORIUM*Moderator: Frank Place*

Limited attention and information loss in the lab-to-farm knowledge chain: the case of Malawian agricultural extension programs	<i>Chiyu Niu</i>
Cash transfers and crop production in Senegal	<i>Alan de Brauw</i>
Pro-social behaviour in agricultural knowledge diffusion: experimental evidence from northern Uganda	<i>Kelvin Shikuku</i>

Evaluating the impact of the volunteer farmer trainer approach in the dissemination of improved feeds and feeding practices among smallholder dairy farmers in Eastern Uganda: approaches, lessons and preliminary findings *Judith Oduol*

Discussion led by *Stein Holden*

SESSION C: IMPROVING FOOD SECURITY THROUGH CAPACITY BUILDING IN RESEARCH AND INFORMATION DISSEMINATION (LED BY THE FOODAFRICA PROGRAMME) - BOARDROOM

Moderator: Mila Sell

Building sustainable food production through soil micronutrients analysis, dairy cattle breeding and adaptation to climate change *Mercy Nyambura, Karen Marshall, Siwa Msangi*

Ensuring food safety and nutrition through reduced aflatoxin contaminations and local diverse human diets *Delia Grace, Johanna Lindahl, Celine Termote*

Improving market access and extension through SMS-based services and voluntary farmer training *Nick Minot, Steve Franzel*

Comment by the Deputy Head of Mission, Embassy of Finland in Nairobi *Ramses Malaty*

Discussion *Hannu Korhonen*

15:45 *Coffee*

16:15 PARALLEL SESSION

SESSION A: FARMER BEHAVIOR AND THE IMPACTS OF NEW TECHNOLOGIES (SPIA LED) - CONFERENCE HALL

Moderator: Karen Macours

Conservation agriculture and climate resilience in Zimbabwe *Jeff Michler*

Learning by doing and learning from others: evidence from agronomical trails in Kenya *Rachid Laajaj*

Drought resistance and water saving in rice production in Bangladesh *Kyle Emerick*

Can personalized input recommendations and better practices improve yields? A field experimental approach in Mexico *Carolina Corral*

Discussion led by *Erwin Bulte, Frank Place*

SESSION B: HOUSEHOLD AND INTRA-HOUSEHOLD DECISION-MAKING ON TECHNOLOGY ADOPTION (PIM LED) - LUNDGREN AUDITORIUM

Moderator: Cheryl Doss

The effect of intra-household decision-making on adopting crop rotation practices in Ethiopia *Orkhan Sariyev*

Bargaining power and biofortification: the role of gender in adoption of orange sweet potato in Uganda *J. V. Meenakshi*

Household decision-making processes and the adoption of climate smart agricultural practices *Jennifer Twyman*

The role of gender relations in technology adoption: the case of sweetpotato vine multiplication in Phalombe and Chikwawa districts in Malawi *Netsayi Mudege*

Discussion led by *Mary Arends-Kuenning*

18:00 *Reception hosted by SPIA (until 20:00) - Conference Hall Courtyard*

Friday 7 July 2017

IMPACTS ON DEVELOPMENT OUTCOMES

09:00 **PLENARY SESSION: DEFINING AND MEASURING KEY DEVELOPMENT OUTCOMES** - CONFERENCE HALL*Moderator: Leslie Lipper*

Measuring resilience

Chris Barrett

Measuring ecological impacts

Tor-Gunnar Vagen

Measuring capacity development

Wanjiru Kamau-Rutenberg

Measuring gendered impacts

Cheryl Doss

Discussion led by

*Nancy Johnson,
Talip Kilic*10:30 *Coffee*11:00 **PARALLEL SESSION****SESSION A: IMPACTS OF AGRICULTURAL TECHNOLOGIES ON FOOD SECURITY, NUTRITION AND HEALTH: WHAT HAVE WE LEARNED? (SPIA LED)** - CONFERENCE HALL*Moderator: Erwin Bulte*

Assessing the impact of the adoption of high iron bean varieties on bean and iron intake in vulnerable populations of Rwanda

Caitlin Herrington

Shortening the hungry season: the impact of shorter duration rice on consumption and health in Sierra Leone

Nidhi Parekh

Looking beyond income: the impact of dairy hubs on human nutrition in Tanzania

James Rao

Assessing the socio-economic, food and nutritional security, and land health impacts of agroforestry in Kenya

Karl Hughes

Role of crop diversification for food and nutrition security in Sub-Saharan Africa

Menale Kassie

Discussion led by

*Erin Lentz,
JV Meenakshi***SESSION B: TRACING OUT CAUSAL PATHWAYS FOR THE IMPACT OF POLICY-ORIENTED RESEARCH (SPIA-PIM CO-LED SESSION)** - LUNDGREN AUDITORIUM*Moderator: Mitch Renkow*

Assessing the impact of IFPRI's research on intra-household decision-making processes on the field practices of INGOs

Barbara Huddleston

Two studies with CIFOR: forest co-management in Guinea; and the Sustainable Wetlands Adaptation and Mitigation Program (SWAMP) in Indonesia

Brad Mills

Have IFPRI's country programs made a difference?

Samuel Benin

An econometric study of the 1981-2014 period

Theory-based evaluation of policy-relevant research: lessons from a series of case studies

Brian Belcher

Discussion led by

*Catherine Weaver,
Tom Tomich*12:45 *Lunch*

14:00 **PLENARY SESSION: IMPACT ASSESSMENT IN CGIAR: INFORMATION SHARING & MATCH MAKING (SPIA LED)** - CONFERENCE HALL COURTYARD

Nine CRPs pitch ideas for ex-post impact assessment

Organizers: Nancy Johnson, Lakshmi Krishnan

Coffee available

15:15 **PARALLEL SESSION**

SESSION A: FROM PRODUCTIVITY INCREASES TO AGGREGATE, LONG-RUN IMPACTS (SPIA LED) - CONFERENCE HALL

Moderator: Derek Byerlee

Using global agricultural, health and demographic datasets to identify the impacts of CGIARs modern seed varieties since 1960s

*Gordon McCord,
Ram Fishman*

Two blades of grass: the impact of the Green Revolution

Asger Wingender

Poverty impacts of widely-adopted CGIAR innovations

David Laborde

Large-scale adoption and productivity impacts of improved lentil varieties in Bangladesh

Jeff Alwang

Recalibrating and reassessing the global returns to agricultural R&D evidence

Philip Pardey

Discussion led by

Chris Barrett

SESSION B: GENDER DIMENSIONS OF TECHNOLOGY SCALING (PIM LED) - LUNDGREN AUDITORIUM

Moderator: David Spielman

Cost-effectiveness of community-based gendered advisory services to farmers: analysis in Mozambique and Tanzania

Tewodaj Mogues

The influence of gender norms on agricultural innovations: empirical insights from Bangladesh

Lemlem Behailu

Agricultural technology adoption in Zambia: are women farmers being left behind?

Thelma Namonje-Kapembwa

Tipping points in development domains using a gender lens

Gideon Kruseman

Discussion led by

Mywish Maredia

17:00 **PLENARY SESSION: WHAT LESSONS ARE THERE FOR HOW CGIAR SETS PRIORITIES?** - CONFERENCE HALL

Moderator: Doug Gollin

Reflections on the use of evidence in donor-commissioned priority-setting exercises

Jeff Alwang

What are the implications for independent scientific advice in CGIAR?

Maggie Gill

What lessons are there for CGIAR senior management?

Tony Simons

What does the drive for greater rigor mean for CGIAR partners?

Agnes Kalibata

What lessons are there for CGIAR senior management?

Ruben Echeverria

17:45 **Wrap-up and formal close of main program**

Doug Gollin

18:30 **Reception at the Tribe Hotel, The Village Market, Gigiri (until 20:00)**

Launch of the "Journal of Gender, Agriculture and Food Security" with reception hosted by the African Women in Agricultural Research and Development (AWARD) program

Saturday 8 July 2017

WORKSHOPS

09:00 SPIA WORKSHOP: ESTIMATING THE ADOPTION OF SPECIFIC NRM TECHNOLOGIES AT LARGE SCALE (ROOM TBC)*Moderators: Paul Vlek, James Stevenson*

Documenting adoption of the Alternate Wetting and Drying (AWD) water management technique in Vietnam

Nguyen Ngoc Thuy

On the ground or in the air? A methodological experiment on crop residue cover measurement in Ethiopia

Frederic Kosmowski

Applying geospatial methods to assess and validate the uptake of fertilizer trees and fodder shrubs in Zambia

Tor-Gunnar Vagen

Mapping adoption of Integrated Soil Fertility Management (ISFM) practices in Rwanda

Ephraim Nkonya

Documenting adoption of CA in Malawi and Zambia

*Aslihan Arslan,
Antonio Scognamillo*

Documenting adoption of Conservation Agriculture (CA) in India

Andre Butler

Adoption of Conservation Agriculture (CA) technologies in Malawi

Stein Holden

Estimating Conservation Agriculture adoption in North and Central Mexico

Kai Sonder

Conservation Agriculture in Africa- evidence from Mozambique and Zambia

Munyaradzi Mutenye

Discussion led by

*David Spielman***09:00 PIM WORKSHOP: SOCIAL SCIENCE RESEARCH CAPACITY AND QUALITY WORKSHOP (ROOM TBC)****2.1 Social Science Capacity in CGIAR**

Panel of reflections on major social science research issues for CGIAR

*Chris Barrett,**Moderator: Olaf Erenstein**Derek Byerlee**Karen Macours*

Analyses of social science capacity and publications in CGIAR

Frank Place

Enhancing social science research in CGIAR: perspectives from the Centers

(tbc)

Moderator: (tbc)

Discussion of improving social science quality and next year's PIM conference

*Karen Brooks**Moderator: (tbc)***2.2 Presentation of the Big Data Platform and opportunities for linkage to CGIAR social scientists***Gideon Kruseman***2.3 Presentation of MEL CoP progress on monitoring and assessing outcomes of CGIAR***Frank Place,**David Rider-Smith*

Working group discussions of the two presentations

12:30 *Lunch***12:30 LUNCH SESSION: DISCUSSION OF FIELD REALITIES OF INTEGRATING DNA FINGERPRINTING INTO SURVEY-BASED ADOPTION AND IMPACT STUDIES (PRE-REGISTRATION REQUIRED)**

Informal discussion about practical operational implications of incorporating DNA fingerprinting in survey design

14:00 **SPIA WORKSHOP ... continued**

14:00 **PIM WORKSHOP ... continued**

2.4 Breakout groups to strengthen networking around specific social science topics (gender, scaling up methods, value chains, others to be determined)

Summary of PIM Saturday workshop and closing remarks

Karen Brooks

15:30 *Coffee*

16:00 **IMPACT ASSESSMENT FOCAL POINT DISCUSSION ABOUT SIAC FOLLOW UP (INVITATION ONLY)**

17:00 *Closing*

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