

October 2021

**MYWISH K. MAREDA**

Department of Agricultural, Food, and Resource Economics, Michigan State University  
446 W. Circle Dr. Room 216C, Morrill Hall of Agriculture, East Lansing, Michigan 48824, U.S.A.  
Tel.: (517) 353-6602 | E-mail: [maredia@msu.edu](mailto:maredia@msu.edu) | Skype: ishwym | Twitter: @maredia

**EDUCATION:**

Ph.D. (1993) Agricultural Economics, Michigan State University, East Lansing.  
M.A. (1986) Economics, University of Bombay, Bombay, India.  
B.A. (1984) Economics, University of Bombay, Bombay, India.

**WORK EXPERIENCE:**

***Professor (2014- Present) and Associate Professor (2008–2014), International Development***  
Department of Agricultural, Food and Resource Economics, Michigan State University, East Lansing

Research areas: Impact evaluation of development interventions (encompassing agriculture, institutions, food system, and nutrition policies and programs); understanding agriculture-nutrition linkages; innovative methods for promoting and tracking technology adoption in developing countries (e.g., varietal adoption using DNA fingerprinting); innovative methods (e.g., ICTs) for linking actors along the value chain and understanding their impacts; agrifood system transformation and youth employment; economics of scaling up development efforts, willingness to pay for quality inputs, seed system policies, and survey research methodology.

***Director (2016-2020)***

***Feed the Future (FTF) Innovation Lab for Food Security Policy (FSP)***

Provide management and technical leadership to ~\$3 million/year core support from USAID and work in partnership with the International Food Policy Research Institute in Washington, D.C., and the University of Pretoria in South Africa to help USAID-supported FTF countries in Africa and Asia to fight hunger, reduce poverty and improve nutritional outcomes through better food policy. Provide oversight and management support to additional \$55 million funding support received through buy-ins and Associate Awards to implement more intensive country-level programs in selected FTF countries (Malawi, Burma, Nigeria, Mali, Senegal, Tanzania, Zambia, Rwanda/Burundi, and Venezuela).

***Associate Director (2000–2009) – 50-80% appointment***

***Bean/Cowpea (later Dry Grain Pulses) Collaborative Research Support Program (CRSP), Institute of International Agriculture, Michigan State University, East Lansing***

Assist the Director of the program in the management of a \$3 million/year grant from USAID to promote collaboration between U.S. universities and developing country institutions to conduct research and training on bean/cowpea value chains; Share the responsibility for providing technical leadership to the program; Provide leadership in managing the training and capacity building portfolio and program monitoring and evaluation.

***Adjunct Visiting Associate Professor (2000–2007); Adjunct Assistant Professor (1999–2000)***

Department of Agricultural Economics, Michigan State University, East Lansing

Research Areas: Impact assessment of agricultural research and training; Economics of agricultural biotechnology and policies (i.e., Intellectual Property Rights and biosafety);

Economics of seed system development and seed regulatory policies in developing countries (in collaboration with the Food Security II project team).

***Visiting Assistant Professor (1995–1998) – 25-75% appointment***

Department of Agricultural Economics, Michigan State University, East Lansing (worked as part of the Food Security II project team)

***Associate Scientist (September 1993–May 1994)***

Economics Program, International Maize and Wheat Improvement Center (CIMMYT), Mexico.

**SPECIAL CONSULTATIONS:**

***August-October 2009:*** Asian Development Bank

***October 2008—June 2009:*** The Independent Evaluation Group (IEG) of the World Bank.

***May-December 2005:*** Standing Panel on Impact Assessment (SPIA), Science Council, CGIAR.

***July 1999-December 2000:*** United Nations Development Program (UNDP) funded project monitored by the CGIAR-TAC's Standing Panel for Impact Assessment (SPIA).

***May-June 2000:*** Food Security II Project, Dept. of Agricultural Economics, MSU.

***October 1999-April 2000:*** World Intellectual Property Organization (WIPO).

***May-June 1999:*** The World Bank, Washington, D.C.

***November - December 1998:*** The World Bank, Washington, D.C.

***June 1998:*** Food and Agricultural Organization (FAO) of the United Nations, Rome.

***September - November 1996:*** SPAAR, The World Bank, Washington, D.C.

***February - October 1995:*** International Maize and Wheat Improvement Center (CIMMYT), Mexico.

**PROFESSIONAL SERVICE:**

***2016-present:*** Co-Leader, Cluster 1.2 on science policy and innovation systems for sustainable intensification, CGIAR Research Program on Policies, Institutions and Markets (PIM)

***2012-2013:*** Guest co-editor of *Food Policy* for a special issue focused on impact assessment of agricultural research and technology adoption

***2005-present:*** Reviewer for World Development, Agricultural Economics, Food Policy, Journal of Agricultural Economics, Journal of Agrarian Studies, Research Evaluation, Applied Economic Perspectives and Policy, Nature Plant, Nature Food

***2012:*** Reviewer for the AAEA Annual Meeting Contribution Papers

***2012-2013:*** Member, Technical and Management Advisory Committee (TMAC), Dry Grain Pulses CRSP and the Feed the Future Legume Innovation Lab

***2006–2011:*** Member, Standing Panel on Impact Assessment (SPIA), Science Council, CGIAR.

Assist the Science Council in providing timely and credible information of the impacts of the CGIAR outputs in terms of broader developmental goals.

***2009-2011:*** Member, Project Steering Committee, Diffusion and Impact of Improved Varieties in Africa (DIIVA), a project funded by the Gates Foundation and managed by Bioversity International.

**HONORS/AWARDS:**

2021: Ralph H. Smuckler Award for Advancing International Studies and Programs at MSU

2017: Meritorious Achievement Award. The Technical and Management Committee of the Legume Innovation Lab.

1994: Outstanding Dissertation Award. Agricultural & Applied Economics Association.

1993: Best Ph.D. Dissertation Award. Department of Agricultural Economics, Michigan State University.

1992-93: Pre-Doctoral Research Fellowship. International Maize and Wheat Improvement Center (CIMMYT), Mexico.

**GRANTS RECEIVED: (\*=as a Lead PI)**

**(Total personal contribution realized to date: \$18.0 million)**

- 2021: Legume Systems Research Innovation Lab – US\$523,784 Promoting Trade Integration in Regional Legume Markets with Mobile Technology-Phase 2 (with M. Olabisi and E. Crawford)  
\*Sustainable Intensification Innovation Lab (SIIL), KSU – US\$165,173. Economic impact of improved bean varieties in Central America and USA.  
CGIAR program on Policy, Institutions, and Markets, IFPRI – US\$188,000. PIM Research Cluster on Science policy and innovation systems for sustainable intensification (with T. Jayne and J. Goeb)
- 2020: \*Support for Applied Research and Analysis in Kenya and East Africa Region (SARA-KEA) US\$4,500,000. USDA (with E. Crawford and I. Minde)  
\*Agricultural and Nutrition Policy Activity Tanzania Associate Award (SERA BORA project) US\$6,500,000. USAID/Tanzania (with D. Nyange, D. Tschirley; T. Reardon, M. Muyanga)
- 2019: FTF Innovation Lab for Food Security Policy Research, Capacity, and Influence (PRCI) – US\$11,000,000. USAID/BFS (with D. Tschirley, T. Jayne, E. Crawford, S. Liverpool-Tasie, N. Mason, V. Theriault, T. Reardon, T. Awokuse, D. Boughton, W. Bauchspies, J. Medendorp)  
CGIAR program on Policy, Institutions, and Markets, IFPRI – US\$197,000. PIM Research Cluster on Science policy and innovation systems for sustainable intensification (with T. Jayne)  
Legume Systems Research Innovation Lab – US\$774,041. Quantifying the scale and scope of markets for nutritious cowpea (with V. Theriault and M. Smale)  
Legume Systems Research Innovation Lab – US\$251,216 Promoting Trade Integration in Regional Legume Markets with Mobile Technology (with M. Olabisi)  
Legume Systems Research Innovation Lab – US\$103,922. Baseline value chain assessment for key legume markets in West Africa (with M. Olabisi)  
Feed the Future Myanmar Agricultural Policy Support Activity (MAPSA) US\$4,040,835. USAID/Burma via IFPRI (with D. Boughton)  
\*USDA-FAS. US\$49,998. Methodological Guidelines to Assess Economic and Environmental Impacts and Crop Management for Sustainable Cacao Production. Grant to host a Borlaug Fellow from Colombia (with X. Wu)
- 2018: Global Alliance for Improved Nutrition (GAIN) – US\$1,149,478. Evaluation of GAIN’s Marketplace for Nutritious Foods (MNF) (with D. Tschirley, M. Porter, E. Nakasone, D. Ortega, V. Caputo, T. Reardon).  
\*CGIAR program on Policy, Institutions, and Markets, IFPRI – US\$100,000 PIM Research Cluster on Science policy and innovation systems for sustainable intensification  
\*USAID – US\$700,000. Capacity Development for Agricultural Innovation System (CDAIS) (FSP buyin award)  
\*USAID – US\$130,000. Literature Reviews on Learning Agenda (FSP buyin award)  
\*FAO Voices for the Hungry Project: The Nexus between food insecurity, unrest and national security: Exploring causality, impacts and policy implications. Non-monetary grant with access to proprietary data license for one year from the World Gallup Poll. (with S. Adelaja and J. Kappiaruparampil)
- 2017: \*CGIAR program on Policy, Institutions, and Markets, IFPRI – US\$60,000 PIM Research Cluster on Science policy and innovation systems for sustainable intensification  
Master Card Foundation – US\$ 12,994,728 Agrifood Youth Opportunity Lab (with J. Howard, S. Adelaja, D. Tschirley and N. MeNsope)

- 2016: \*International Center for Tropical Agriculture (CIAT)—US\$50,600 Assessing the adoption and economic and environmental impacts of Brachiaria grass forage cultivars in Latin America focusing on the experience in Colombia  
\*USDA-FAS—US\$48,851. Borlaug fellows program (hosting a CIAT-Vietnam staff) (with X. Wu)
- 2015: \*Food and Agriculture Organization (FAO)—US\$649,550. Strengthening Impact Assessment in CGIAR (SIAC) – Phase 2 (with D. Boughton)
- 2014: \*International Potato Center (CIP) – US\$1.5 million: Impact Evaluation of the CIP-SUSTAIN project in East/Southern Africa (with S. Jin, M. Porter and K. Chung)  
\*USAID/Malawi via CIAT—US \$274,000: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders and C. Wille)
- 2013: USAID -- US\$15+ million: Food Security Policy Innovation Lab (with D. Boughton, E. Crawford, S. Longabaugh, T. Jayne, S. Haggblade, D. Tschirley, V. Theriault)  
\*CGIAR Consortium – US\$3.1 million: Strengthening Impact Assessment in CGIAR (SIAC) – Phase I (with D. Boughton)  
\*Legume Innovation Lab Collaborative Research (USAID)—US\$900,000. Impact assessment of the adoption and uptake of technologies and outputs of Legume Innovation Lab research in Africa, Latin America and the U.S. (with E. Crawford)  
\*USAID/Malawi via CIAT—US \$475,792: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)
- 2012: USAID via CIMMYT – US \$3.8 million initial commitment: Borlaug Higher Education for Agricultural Research and Development (BHEARD) (with E. Crawford, F. Derksen, P. Ng and D. Douches)  
USAID/Cambodia – US\$ 2 million (total budget): Impact Evaluation and Strengthening Local Capacity to Monitor and Evaluate Food Security Programs in Cambodia (with M. Suvedi, D. Boughton, R. Benfica, V. Theriault, K. Chung, R. Richardson and M. Kaplowitz)  
\*USAID/Malawi via CIAT—US \$474,169: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)  
DAI, Inc. – US\$ 564,397 (total budget): Integrating Nutrition with Value Chain (INVC) (with D. Clay, M. Suvedi, A. Ferguson and L. Weatherspoon)
- 2011: \*CLUSA (dba NCBA)—US\$529,000 (total budget): Impact evaluation of Yaajeende agricultural development project in Senegal (funded by USAID/Senegal) (with V. Kelly)  
Millennium Challenge Corporation (MCC)—US\$ 785,949 (total award across several allocations): Impact evaluation of MCA interventions on land titling in Lesotho—Phase II (implementation) (with G. Schultink and S. Jin)  
Millennium Challenge Corporation (MCC)—US \$ 639,876 (total award across several allocations): Impact evaluation of the land component of the MCC project in Mozambique (with G. Schultink and S. Jin)  
\*USAID/Malawi via CIAT—US \$474,169: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)  
University of Florida—US\$1,024,989 (total budget): Technical assistance and impact evaluation partner for the USAID food security project under the Trilateral project—USAID, Brazil and Mozambique (with D. Tschirley, S. Jin and C. Donovan)
- 2010: Millennium Challenge Corporation (MCC)—US\$26,000: Impact evaluation of MCA interventions on land titling in Lesotho—Phase I (design mission) (with G. Schultink and S. Jin)  
\*Dry Grain Pulses (USAID)—US\$221,434 (total award to date): Monitoring and evaluation of a bean technology transfer project in Central America.

- \*Horticulture CRSP (USAID)—US\$74,900: Impact evaluation of cell-phone enabled agro-advisory services for horticulture crops in South Asia
- Sarl Bureau Issala (France)—US \$32,412: ECOWAP/CAADP Process: Supporting ECOWAS Commission for Implementation of Regional Mobilizing Programs and developing a monitoring and evaluation framework (with J. Staatz and N. Dembele)
- 2009: \*USAID/Malawi via CIAT—US \$950,000: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)
- \*Dry Grain Pulses CRSP (USAID)—US \$510,000 (total budget): Impact assessment of CRSP technologies and outputs in Africa, Latin America and the U.S. (with R. Bernsten and E. Crawford)
- \*IFPRI—US\$ 7,500: Contribute a chapter on the evolution of impact assessment methods for the book on Millions Fed project
- 2008: Millennium Challenge Corporation (MCC)—US \$782,000 (total award across several allocations): Impact evaluation of the land component of the MCC project in Mozambique (with G. Schultink, S. Jin, D. Boughton and C. Donovan)
- 2006: \*USAID/EGAT via CIAT—US \$617,500: Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)
- 2005: \*USAID/EGAT via CIAT—US \$1,200,000: USAID Initiative for Long-term Training and Capacity Building (UILTCB) (with I. Widders)
- 2004: USDA—US \$68,855: Impact assessment of ABSP-I IPR and technology transfer activities (with K. Maredia and J. Oehmke)

## **GRADUATE STUDENT ADVISORY COMMITTEES (ROLE SERVED)**

(\*=**Research Assistantship supervisor**)

### ***Ph.D. Agricultural, Food, and Resource Economics:***

Byron Reyes (member)	Grad: 2012
Alexandra Peralta (member)	Grad: 2014
Ayala Wineman (member)	Grad: 2015
Keneilwe Kgosikoma (member)	Grad: 2016
*Serge Adjognon (Temp Advisor and member)	Grad: 2016
Ashesh Prasann (member)	Grad: 2016
*Nelissa Jamora (Advisor)	Transferred to another University (2011)
*Mukesh Ray (Advisor)	Grad 2018
*Jarrad Farris (Advisor)	Grad 2020
*Caitlin Herrington (co-Advisor)	Expected Grad 2024
Ming Fang (member)	Expected Grad 2023
*Myat Thida Win (Advisor)	Expected Grad 2025
*Jose Maria Martinez (Advisor)	Expected Grad 2025
*Michael Hall (co-Advisor)	Expected Grad 2026
*M. Nahian Binkhaled (co-Advisor)	Expected Grad 2026
S. Peyton Ellis (co-Advisor)	Expected Grad 2026

### ***M.S. Agricultural, Food, and Resource Economics:***

Lourdes Martinez (member)	Grad: 2003
Wolfgang Pejuan (member)	Grad: 2005
Nelissa Jamora (member)	Grad: 2006
Tomokazu Nagai (member)	Grad: 2008
Byron Reyes (member)	Grad: 2011
*Sitou Akibode (Advisor)	Grad: 2011
*Ty Lawson (Advisor)	Grad: 2012

*Benjamin Magen (member)	Grad: 2012
*David DeYoung (Advisor)	Grad: 2015
Emmanuel Msanya (member)	Grad: 2016
*Christopher Root (Advisor)	Grad: 2017
Edward Opoku (Advisor)	Grad: 2017
*Christine Sauer (Temp Advisor)	Transferred to AFRE PhD (Fall 2016)
Trhas Weldezgi (Advisor)	Grad: 2018
*Sean Posey (Advisor)	Grad: 2018
*Brian Bartle (Advisor)	Grad: 2019
*Myat Thida Win (Advisor)	Grad: 2019
*Stephen Aguegboh (Advisor)	Grad: 2020
*Ian Fisher (co-Advisor)	Expected Grad 2023

***Other MSU Departments:***

*Raul Pitoro (Ph.D., CSUS) (member)	Grad: 2016
Cynthia Balthazar (Ph.D. CSUS) (member)	Grad: 2019
Grady Zuiverdeen (M.S., Plant, Soil and Microbial Sciences) (member)	Grad: 2015
Thany Hour (M.S., CSUS) (member)	Grad: 2016
Socheat Keo (Ph.D., CSUS) (member)	Grad: 2018

**GRADUATE RESEARCH ASSISTANTS SUPERVISED (in addition to advisees above)**

Judhajt Chakraborty (AFRE PhD student—Spring-Summer 2021) (co-supervisor)  
 Salim Nuhu (AFRE PhD student—Fall 2018-present) (co-supervisor)  
 Syed Hamza Haider (AFRE PhD student—Fall 2013-Summer 2014)  
 Carolina Peters (AFRE MS student—Fall 2014-Summer 2016)  
 Simone Faas (AFRE MS student—Spring 2015-Fall 2015)  
 Henry Akaezy (AFRE PhD student—Spring 2013-Fall 2013)

**MENTORSHIP**

Michael Olabisi (AFRE Assistant Professor)--Member, Mentorship Committee, 2018-present  
 Veronique Theriault (AFRE Assistant Professor)--Member, Mentorship Committee, 2018-present  
 Oyinkan Tasia (AFRE Assistant Professor)--Member, Mentorship Committee, 2018-present  
 Felix Kwame Yeboah (AFRE Assistant Professor)--Member, Mentorship Committee, 2018-2019  
 Nicole Mason (AFRE Assistant Professor)—CGC Mentorship Program, 2016  
 Jose Maria Martinez (AgroSAVIA, Colombia)—Visiting Scholar, Borlaug Fellowship, 2019-2020  
 Stephen Kabwe (IAPRI, Zambia)—Visiting Scholar, Fall 2019  
 Le, Dung Phoung (International Center for Tropical Agriculture (CIAT))—Visiting Scholar, Borlaug Fellowship, 2016-2017  
 Sant Kumar Pandey (Research Scientist, NCAP, India) (2011-2012)

**PUBLICATIONS:**

**Journal Articles**

Ambler, K., S. Herskowitz, and M. Maredia. 2021. Are we done yet? Response fatigue and rural livelihoods. *Journal of Development Economics*. <https://doi.org/10.1016/j.jdeveco.2021.102736>

Farris, J., M. Porter, S. Jin, M. Maredia. 2021. Growing Pains: Season-Specific In Utero Rainfall Shocks Impact Child Growth in Rural Rwanda. *Economic Development and Cultural Change*. (Accepted April 2021). <https://www.journals.uchicago.edu/doi/abs/10.1086/714886>

Marcel Gatto, Phuong Dung Le, Grazia Pacillo, Mywish Maredia, Ricardo Labarta, Guy Hareau & David J Spielman. 2021. Policy options for advancing seed systems for vegetatively propagated crops in Vietnam, *Journal of Crop Improvement*, DOI: [10.1080/15427528.2021.1881011](https://doi.org/10.1080/15427528.2021.1881011)

Boughton, Duncan; Goeb, Joseph; Lambrecht, Isabel; Headey, Derek D.; Takeshima, Hiroyuki; Mahrt, Kristi; Masias, Ian; Goudet, Sophie; Ragasa, Catherine; Maredia, Mywish K.; Minten, Bart; and Diao, Xinshen. 2021. Impacts of COVID-19 on agricultural production and food systems in late transforming Southeast Asia: The case of Myanmar. *Agricultural Systems* 188(March 2021): 103026. <https://doi.org/10.1016/j.agsy.2020.103026>

Piñon, M. G. T., S. M. Moghaddam, R. K. Lee, J. C. Villatoro Merida, D. J. DeYoung, B. A. Reyes, M. Maredia, J. M. Osorno and P. E. McClean. 2020. Genetic diversity of Guatemalan climbing bean collections. *Genetic Resources and Crop Evolution* (October 2020). DOI 10.1007/s10722-020-01013-3.

Morgan, S., N. Mason, and M. Maredia. 2020. Farmer Valuation of Improved Bean Seed Technologies: Real Auction Evidence from Tanzania. *Food Policy*. <https://doi.org/10.1016/j.foodpol.2020.101955>

Maredia, M.K., Shupp, R., Mishili, F., Opoku, E., Reyes, B., Kusolwa, P., Kusi, F., and Kudra, A. 2019. Farmer perception and valuation of seed quality: Evidence from bean and cowpea seed auctions in Tanzania and Ghana. *Agriculture Economics* 50(4): 495-507. <https://doi.org/10.1111/agec.12505>

Raatz, Bodo, Clare Mukankusi, Juan David Lobaton, Alan Male, Virginia Chisale, Berhanu Amsalu, Deidre' Fourie, Floride Mukamuhirwa, Kennedy Muimui, Bruce Mutari, Susan Nchimbi-Msolla, Stanley Nkalubo, Kidane Tumsa, Rowland Chirwa, Mywish K. Maredia, Chunlin He. 2019. Analyses of African common bean (*Phaseolus vulgaris* L.) germplasm using a SNP fingerprinting platform: diversity, quality control and molecular breeding. *Genetic Resource and Crop Evolution*. 66(30): 707–722

Sauer, C., Mason, N., Maredia, M., and Mofya-Mukaka, R. 2018. Does adopting legume-based cropping practices improve small-scale farm households' food security? Panel survey evidence from Zambia. *Food Security* 10(6): 1463-1478 <https://doi.org/10.1007/s12571-018-0859-3>.

Maredia, M. K., Reyes, B. A., Ba, M., Dabire, C., Pittendrigh, B., & Bello-Bravo, J. 2017. Can mobile phone-based animated videos induce learning and technology adoption among low-literate farmers? A field experiment in Burkina Faso. *Information Technology and Development* (April) DOI <https://doi.org/10.1080/02681102.2017.1312245>

Rabbi Ismail, Kulakow Peter, Manu-Aduening Joseph, Dankyi Ansong, Asibuo James, Parkes Elizabeth, Abdoulaye Tahirou, Girma Gezahegn, Gedil Melaku, Ramu Punna, Reyes Byron, Maredia Mywish. 2015. Tracking crop varieties using genotyping-by-sequencing markers: a

case study using cassava (*Manihot esculenta* Crantz). *BMC Genetics* 16:115. DOI 10.1186/s12863-015-0273-1

Maredia, M., Shankar, B., Kelley, T., and Stevenson, J., 2014. Impact Assessment of Agricultural Research, Institutional Innovation, and Technology Adoption: Introduction to the Special Section. *Food Policy* 44:214-217.

Kumar, S., M. Maredia, and S. Chauhan. 2013. Research Priorities for Faster, Sustainable and Inclusive Growth in Indian Agriculture. *Indian Journal of Agricultural Economics* 68 (3): 373-388.

Stevenson, J., D. Byerlee, N. Villorio, T. Kelley and M. Maredia. 2013. The Green Revolution saved an estimated 18 to 27 million hectares from being brought into agricultural production. *PNAS - Proceedings of the National Academy of Sciences of the United States*. 110 (21): 8363-8368. Published online, May 13, 2013, doi: 10.1073/pnas.1208065110.

Bennett, J., T. Kelley and M. Maredia. 2012. *Ex-post* assessment of environmental impacts of international agricultural research: conceptual issues, applications and the way forward. *Research Evaluation* 21 (3): 216-228

Maredia, M.K. and D. Raitzer. 2012. Review and Analysis of Documented Trends and Patterns of Agricultural Research Impacts in Southeast Asia. *Agricultural Systems* (106): 46-58.

Raitzer, D. and M. K. Maredia. 2012. Analysis of agricultural research investment priorities for sustainable poverty reduction in Southeast Asia. *Food Policy* 37 (2012):412-426.

Maredia, Mywish, Richard H. Bernsten, Catherine Ragasa. 2010. Returns to Public Sector Plant Breeding in the Presence of Spill-ins and Private Goods: The Case of Bean Research in Michigan. *Agricultural Economics* 41 (2010): 425-442.

Maredia, M.K. and David Raitzer. 2010. Estimating Overall Returns to International Agricultural Research in Africa through Benefit-Cost Analysis: A 'Best-Evidence' Approach. *Agricultural Economics* 41 (2010): 81-100.

Nelson, M. and M. Maredia. 2007. International Agricultural Research as a Source of Environmental Impacts: Challenges and Possibilities. *Journal of Environmental Assessment Policy and Management*, Vol. 9, No. 1 (2007) 103-119.

Oehmke, J., M. Maredia and D. Weatherspoon. 2001. The Effects of Biotechnology Policy on Trade and Growth. *The Estey Centre Journal of International Law and Trade Policy* 2(2), 283-306. Available from the World Wide Web: <http://www.esteyjournal.com>

Maredia, M.K., D. Byerlee, and P. Pee. 2000. Impacts of Food Crop Improvement Research: Evidence from Sub-Saharan Africa. *Food Policy* 25(5): 531-559.

Oehmke, J. F., D. Weatherspoon, C. A. Wolf, A. Naseem, M. Maredia and A. Hightower. 2000. Is Agricultural Research Still A Public Good? *Agribusiness: An International Journal* 16(1): 68-81.



Maredia, M.K. and D. Byerlee. 2000. Efficiency of Research Investments in the Presence of International Spillovers: A Case Study of Wheat Research. *Agricultural Economics* 22 (2000):1-16

Maredia, M.K., F. Erbisch, A. Naseem, A. Hightower, J. Oehmke, D. Weatherspoon, C. Wolf. 1999. "Public Agricultural Research and the Protection of Intellectual Property: Issues and Options" *AgBioForum*. vol 2, No. 3&4. URL: <http://www.agbioforum.org>.

Maredia, M.K. 1998. The Economics of Biosafety: Implications for Biotechnology in Developing Countries. *BioSafety (Online Journal)*\_Vol. 3 Paper 1 (BY98001). URL: <http://www.bdt.org.br/bioline/by>

Maredia, M.K., Ward, R. and Byerlee, D. 1996. Econometric Estimation of a Global Spillover Matrix for Wheat Varietal Technology. *Agricultural Economics*, 14(3):159-173

Maredia, M.K. and Eicher, C.K. 1995. The Economics of Wheat Research Investments in Developing Countries: The One Hundred Million Dollar Puzzle. *World Development*, 23 (3).

### **Papers submitted to Journals**

Maredia, M.K., Adenikinju, A., Belton, B., Chapoto, A., Faye, N.F., Liverpool-Tasie, S., Olwande, J., Reardon, T., Theriault, V., and Tschirley, D. 2021. COVID-19's impacts on incomes in urban and rural areas are surprisingly similar: Evidence from five African countries. *Global Food Security (under review)*.

Herrington, C., M. Maredia, D. Ortega, Taleon, El Birol, Sarkar and Rahaman. 2021. Rural Bangladeshi Consumers' Willingness to Pay for Rice with Improved Nutrition via Zinc Biofortified Rice and Decreased Milling Practices. *Agricultural Economics (under review)*

Goeb, Joseph; Maredia, Mywish K.; Win, Khin Zin; Masias, Ian; Lambrecht, Isabel; Boughton, Duncan; and Minten, Bart. 2021. Urban food prices under lockdown: Evidence from Myanmar's traditional food retail sector during COVID-19. *Agricultural Economics (under review)*

Farris, J., Maredia, M.K., Mason, N. and Ortega, D. 2021. Farmer Personality and Community-Based Extension Effectiveness in Tanzania. *World Development (submitted)*

Tschirley, D., A. D. Jones, M. K. Maredia, J. Mungai, S. Nordhagen, S. Nuhu, A. Otwoma, T. Reardon, and D. Toure. 2021. Measuring the Food Environment and its Impact on Diets: Alternative Metrics Deliver Very Different Results in Urban Nairobi. *Food Policy (submitted)*

Nuhu, S., Porter, M., Maredia, M.K., and Nakasone, E. 2021. Trust, Risk, and Institutions: Experimental Evidence on Promoting Investment in a Community of Firms in Kenya. *Economic Enquiry (submitted)*

### **Papers in progress**

Maredia, M.K., Porter, M., Farris, J., and Jin, S. 2020. How to Increase Adoption of Biofortified Crops and Improve Women's Nutrition Outcomes at Scale: Evidence from a Randomized Control Trial in Rwanda.

Ambler, K., S. Herskowitz, and M. Maredia. 2021. (Mis?)Measuring Labor Participation in the Agricultural Sector in Rural Ghana.

Ahsanuzzaman and M. Maredia. Endogeneity in duration analysis: Estimating technology diffusion and adoption simultaneously using multi-process hazard models.

Maredia, M.K., Mason, M., Shupp, R., and Caputo, V. How should government spend its resources for agricultural development? Understanding policy preferences of rural residents and stakeholders from Nigeria and Zambia.

Maredia, M.K. and Bartle, B. The Effect of Quality Signaling and Trust on Willingness to Pay for Potato Planting Material: A Research Study in Kenya

Win, Myat Thida, Maredia, M.K., Ortega, D., and Boughton, D. Assessing Farmers' Willingness to Pay for Quality Seeds Using Bidding Mechanism: Evidence from Myanmar

Spielman, D., M. Gatto, T. Wossen, M. McEwan, T. Abdoulaye, M. Maredia, G. Hareau. Beyond the Conventional Wisdom on Maize Regulatory Options to Improve Seed Systems for Vegetatively Propagated Crops in Developing-country Agriculture.

Maredia, M., Shupp, R., McNsope, N., D. Ilboudo, and E. Opoku. Farmers' willingness to pay for quality seed: What role does credence, experience, and observation play?

Ray, M., Maredia, M., and R. Shupp. Risk Preferences and Climate Smart Technology Adoption: A Duration Model Approach for India.

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Weatherspoon, D. D., J. Oehmke, C. Wolf, A. Naseem, M. Maredia, A. Hightower. 1999. *North-North-South Ag-Biotech Policy: Implications for Growth and Trade*. Staff Paper 99-51. Department of Agricultural Economics, Michigan State University.

Howard, J., V. Kelly, M. Maredia, J. Stepanek, E. Crawford. 1999. *Progress And Problems In Promoting High External-Input Technologies In Sub-Saharan Africa: The Saskawa Global 2000 Experience In Ethiopia And Mozambique*. Staff Paper 99-24. Dept. of Agricultural Economics, Michigan State University.

Howard, J., M. Demeke, V. Kelly, M. Maredia, and J. Stepanek. 1998. Can the Momentum be Sustained? An Economic Analysis of the Ministry of Agriculture/Sasakawa Global 2000's Experiment with Improved Cereals Technology in Ethiopia. Staff Paper No. 98-25 Department of Agricultural Economics, Michigan State University.

Maredia, M.K. and Howard, J. 1997. Facilitating Seed Sector Transformation in Africa: Key Findings from the Literature. Policy Synthesis No. 33. Department of Agricultural Economics, Michigan State University.

Rusike, J., J. Howard, and M. Maredia. 1997. Seed Sector Evolution in Zambia and Zimbabwe: Has Farmer Access Improved Following Economic Reforms? Policy Synthesis No. 31. Department of Agricultural Economics, Michigan State University.

Maredia, M.K., Howard, J.A., and Boughton, D. 1997. No Shortcuts to Progress: An Assessment of Agricultural Research Planning and Priority Setting in Africa. Policy Synthesis No. 29. Department of Agricultural Economics, Michigan State University.

Kajisa, K., M. Maredia, D. Boughton. 1997. "Transformation versus Stagnation in the Oil Palm Industry: Comparison Between Malaysia and Nigeria" Staff Paper No. 97-5. Department of Agricultural Economics, Michigan State University

Daniels, L., Howard, J., Maredia, M., Oehmke, J. and Bernsten, R. 1992. Assessment of Agricultural Research: Ex-post, Ex-ante, and Needed Methodologies. Department of Agricultural Economics Staff Paper No.92-52. East Lansing: Michigan State University.

Oehmke, J., Daniels, L., Howard, J., Maredia, M., and R. Bernsten. 1992. The Impact of Agricultural Research: A Review of the Ex-post Assessment Literature With Implications for Africa. Department of Agricultural Economics Staff Paper No.92-38. East Lansing: Michigan State University.

### **Presentations and Workshops (Selected)**

Maredia, M.K. (Discussant). 2021. The Economic, Poverty and Environmental Impacts of CGIAR Crop Improvement Research. 25th ICABR Conference 2021 - Role of The Bioeconomy In Generating Resilience and Sustainable Development, Rome, Italy (participated virtually, June 30).

Ambler, K. S. Herskowitz (presenter), and M. Maredia. 2021. "Are we done yet? The effects of respondent fatigue on measurement of rural livelihoods." PIM webinar on "Measuring employment and consumption in household surveys: Reflections from three survey experiments," (July 13)

Ambler, K. S. Herskowitz (presenter), and M. Maredia. 2020. "Are we there yet? The effects of respondent fatigue on measurement of rural livelihoods." Virtual seminar, IFPRI (July 1)

Maredia, M.K. (presenter). 2020. "Mobile phones as a research tool: Modes, pros & cons, and resources." PRCI webinar on *Using Mobile Phones for Survey Research in the Time of Covid-19 Lockdowns and Beyond*, May 28. <https://www.canr.msu.edu/news/prci-webinar-on-using-mobile-phones-for-survey-research-now-available>

Hambulo Ngoma (presenter), Maredia, M., Mason, N., Chapota, A., and Muyanga, M. 2019. "Changes in stakeholder perceptions of the quality of institutional architecture and quality of agriculture and food security policy processes in Zambia." IAPRI/FSP Policy Outreach Meeting, Lusaka, Zambia, December 5, 2019.

Mason, Nicole M., Auckland Kuteya, Danielle Resnick, Vincenzina Caputo, Mywish Maredia, Robert Shupp, and Hambulo Ngoma (presenter). 2019. "Zambian smallholder farmers', rural residents', and other stakeholders' agricultural sector policy preferences." IAPRI/FSP Policy Outreach Meeting, Lusaka, Zambia, December 5, 2019.

Spielman, D. and M. Maredia (presenter). 2019. "Closing the Hunger Gap through Improved Seed Access: The Role of Seed Policies" Presentation made at The Committee on World Food Security (CFS) Side Event, FAO, Rome, October 15, 2019.

Farris, J., Maredia, M.K. (presenter), Mason N., Ortega, D.L. "Effectiveness of Lead-Farmer Extension in Tanzania: The Role of Personality and Physical Distance." Presentation at the Annual PIM partners meeting, Washington, D.C., October 29, 2019

Morgan, S, N. Mason, and M. Maredia. 2019. "Do different extension approaches affect smallholder farmers' willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania." Presentation at the Final Outreach Workshop for SIIL Tanzania. Mbeya, Tanzania. Aug. 29, 2019.

Bartle, Brian (presenter) and M. Maredia. "The effect of quality signaling and trust on willingness to pay for potato planting material: A research study in Kenya." Selected paper presentation at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Atlanta, GA, July 2019

Farris, J. (presenter), Maredia, M.K., Mason N., Ortega, D.L. "Effectiveness of Lead-Farmer Extension in Tanzania: The Role of Personality and Physical Distance." Selected paper presentation at Agricultural & Applied Economics Association (AAEA) Annual Meeting, Atlanta, GA, July 2019

Maredia, M. (presenter). 2019. Building resilience through better policies: Examples from Food Security Policy Innovation Lab. Feed the Future Innovation Labs Regional Partners Meeting, Ethiopia, May 20-21, 2019.

Morgan, S (presenter), N. Mason, and M. Maredia. 2019. "Do different extension approaches affect smallholder farmers' willingness-to-pay for new agricultural technologies? Experimental auction results from Tanzania." Midwest International Economic Development Conference. Madison, WI. April 27, 2019

Bartle, Brian and M. Maredia (presenter). "The effect of quality signaling and trust on willingness to pay for potato planting material: A research study in Kenya." Presentation at the Willingness to Pay Methodology Workshop organized by CIP, Nairobi, March 2019

Maredia, M (presenter). "Willingness to Pay Case Study: Value of Quality Legume Seeds: Evidence from Auction Experiments" Presentation at the Willingness to Pay Methodology Workshop organized by CIP, Nairobi, March 2019

Maredia, M. and D. Spielman. 2018. *Increasing smallholder farmers' access to quality seeds and traits: markets, institutions and policy considerations*. Organized Symposia at ICAE 2018. International Association of Agricultural Economists, Vancouver, Canada.

Maredia, M. (presenter) and R. Shupp. 2018. *Value of quality seeds: Evidence from auction experiments*. Paper presented at ICAE 2018, International Association of Agricultural Economists, Vancouver, Canada.

Hareau, Guy, Tahirou Abdoulaye, David J. Spielman, and Mywish K. Maredia. 2018. *Seed systems and markets for vegetatively propagated crops: Insights from Asia, Africa, and Latin America*. Paper presented at ICAE 2018, International Association of Agricultural Economists, Vancouver, Canada.

Ray, M., Maredia, M., and R. Shupp. 2018. *Risk Preferences and Climate Smart Technology Adoption: A Duration Model Approach for India*. Paper presented at ICAE 2018, International Association of Agricultural Economists, Vancouver, Canada.

Ray, M. and Maredia M. 2018. *Do Smaller States Lead to More Development? Evidence from Splitting of Large States in India*. Paper presented at ICAE 2018, International Association of Agricultural Economists, Vancouver, Canada.

Morgan, Stephen, Nicole Mason, and Mywish Maredia. 2018. *Farmer Valuation of Improved Bean Seed Technologies: Real Auction Evidence from Tanzania*. Paper presented at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Farris, J., S. Jin, M. Maredia, and M. Porter. 2018. *Assessing Heterogeneity in the Child Growth Impacts of In-Utero Rainfall Shocks in Rural Rwanda*. Paper presented at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Ray, M. and Maredia M. 2018. *Legume Technologies as a Sustainable Solution to Climatic Shocks: Evidence from Malawi*. Paper presented at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

DeYoung, D., B. Reyes, and M. Maredia. 2018. *Profitable but Vulnerable: Assessment of the Nicaraguan Bean Seed Enterprises Using Duration Analysis*. Paper presented at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Maredia, M. K., Shupp, R. S., Mensope, N. M., Ilboudo, D., Opoku, E. (August 2018) *Farmers' Willingness to Pay for Quality Seed: What Role Does Credence, Experience, and Observation Play?* Presented poster at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Maredia, M., Shupp, R., MeNsope, N., D. Ilboudo, and E. Opoku. 2018. *Farmers' willingness to pay for quality seed: What role does credence, experience, and observation play?* Presented poster at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Me-Nsope, Nathalie M., David L. Ortega, Dieudonne Ilboudo, and Mywish K. Maredia. 2018. *Farmer preferences for chemical versus biological pest control methods: Evidence from choice experiments conducted in Burkina*. Presented poster at AAEA 2018, American Agricultural Economics Association, Washington, DC, United States.

Maredia, M.K. 2018. *Ensuring Research Reaches those most in need: Pathways for effective delivery and impacts*. Presentation made at the AAAS Annual Meeting, Austin, TX, February 16, 2018.

Maredia, M.K. 2018. *Research Toward Impact: What, Why, and How Innovation Labs are designed with impactful outcomes in mind*. Presentation made at the Feed the Future Innovation Labs Regional Partners Meeting, Kampala, Uganda, May 21-25, 2018.

Maredia, M.K. 2018. *Building resilience through policies, institutions, and capacity development: Examples from Food Security Policy Innovation Lab*. Presentation made at the

Feed the Future Innovation Labs Regional Partners Meeting, Kampala, Uganda, May 21-25, 2018.

DeYoung, D. J., Maredia, M. K. (August 2, 2016) *Determinants of Sustainability of Community Seed Banks in Nicaragua: A Duration Analysis Approach*. Presented paper at AAEA Annual Meeting, AAEA, Boston, MA.

Ray, M., Maredia, M. K. (August 2, 2016) *A Duration Analysis Approach to Variety Change on Wheat Farms in Bihar, India*. Presented paper at Annual Meeting, Agricultural and Applied Economics Association, Boston, MA.

Ray, M., Maredia, M. K. (August 2, 2016) *Do Smaller States Lead to More Development? Evidence from Splitting of Large States in India*. Presented poster at Annual Meeting, Agricultural and Applied Economics Association, Boston, MA.

Sauer, C., Mason, N. M., Maredia, M. K. (August 2, 2016) *Exploring the role of legume crops in the agriculture-nutrition-food security nexus: Evidence from Zambia*. Presented paper at Annual Meeting, Agricultural and Applied Economics Association, Boston, MA.

Ray, M., Maredia, M. K., Shupp, R. S. (August 2, 2016) *Risk preferences and adoption of climate smart agricultural technologies: Evidence from India*. Presented poster at Annual Meeting, Agricultural and Applied Economics Association, Boston, MA.

Deyoung, D. J., Reyes, B. A., Villatoro, J. C., Montejo, L. d. M., Moscoso, J., Osorno, J., Maredia, M. K. (March 2, 2016) *The role of beans in Milpa production and dietary systems of Guatemalan Highlands: Results of a farm household survey*. Presented poster at Pan African Grain Legume and World Cowpea Conference, IITA and Legume Innovation Lab, Livingstone, Zambia.

Maredia, M. K., Shupp, R. S., Mishili, F., Reyes, B. A., Kusolwa, P. (March 1, 2016) *Farmer willingness to pay for quality bean seed: Experimental evidence from Tanzania*. Presented paper at Pan African Grain Legume and World Cowpea Conference, International Institute of Tropical Agriculture and Legume Innovation Lab, Livingstone, Zambia.

Maredia, M.K. and Reyes, B. 2015, August. *Testing the effectiveness of different approaches of collecting variety-specific adoption data against the benchmark of DNA fingerprinting: The case of beans in Zambia and cassava in Ghana*. Paper Presented at ICAE, Milan, Italia, August 14, 2015.

Maredia, M. K. (Presenter & Author), Reyes, B. A. (Author Only), Ba, M. (Author Only), Pittendrigh, B. (Author Only), Bello-Bravo, J. (Author Only). 2014, November. *Are Animation Videos Effective in Inducing Technology Adoption? A Field Experiment in Burkina Faso*. presented at Department of Economics Research Seminar, Western Michigan University, Kalamazoo, Michigan.

Maredia, M. K. (Author Only), Reyes, B. A. (Presenter & Author). 2014, October. *Are we measuring what we think we are measuring? Preliminary results from Genotyping by Sequencing vs. traditional methods generally used to estimate adoption rates—Pilot Study on Cassava*. presented at AFRE Brown Bag Seminar, East Lansing, Michigan.

Maredia, M. K. (Presenter & Author), Bernsten, R. (Presenter & Author). 2014, August. *Monitoring, Evaluation and Impact Assessment of Agricultural Research for Development: Overview, Challenges and Best Practices*. presented at The Training Visit of the Research Management Team of the Indonesian Agency for Agricultural Research and Development (AARD), East Lansing, Michigan.

Maredia, M. K. (Presenter & Author), Reyes, B. A. (Author Only). 2014, August. *Results & Insights: Cassava in Ghana, Beans in Zambia and Maize in Uganda*. presented at DNA Convening by Bill and Melinda Gates Foundation: Session 4, Seattle, Washington.

Maredia, M. K. (Presenter & Author), Reyes, B. A. (Presenter & Author). 2014, August. *Testing the effectiveness of methodologies for tracking the uptake and adoption of improved varieties: Three Pilot Studies Conducted under the SIAC Project: Cassava in Ghana, Beans in Zambia and Maize in Uganda*. presented at DNA Convening by Bill and Melinda Gates Foundation: Session 1 and 2, Seattle, Washington.

Maredia, M. K. (Presenter & Author), Reyes, B. A. (Author Only), Ba, M. (Author Only), Pittendrigh, B. (Author Only), Bello-Bravo, J. (Author Only). 2014, June. *Can Animated Educational Materials Induce Learning And Adoption Among Low-Literate Farmers? A Field Experiment on the Dissemination of Cowpea Grain Storage Technologies in Burkina Faso*. presented at Research Seminar, Sokoine University of Agriculture (SUA), Morogo, Tanzania.

Maredia, M. K. (Presenter & Author), Donovan, C. (Presenter & Author), (Presenter & Author). 2014, May. *Scaling Up in Agriculture and Nutrition: Concepts and Models*. presented at Legume Innovation Lab Global Meeting, Athens, Greece.

Reyes, B. A. (Presenter & Author), Maredia, M. K. (Presenter & Author), (Presenter & Author). 2014, May. *Characteristics of a sustainable seed system: Application of the principles of sustainability to two models used in Central America*. presented at Legume Innovation Lab Global Meeting, Athens, Greece.

Maredia, M. K. 2014, January. *Creating a framework to assess progress and guide evidence-based interventions: Monitoring evaluation and learning*. presented at Economic Opportunities for Youth Strategy Workshop, East Lansing, MI.

Reyes, B. A. (Presenter & Author), Maredia, M. K. (Author Only). 2014, January. *Methodology/guidelines for collecting varietal release and nationally representative adoption data by varieties*. presented at Inception Meeting of SIAC Activity 2.1, Bangkok, Thailand.

Pitro, R. (Presenter & Author), M. Maredia (Author only) and S. Jin (Author only). 2013. Status of land ownership, land conflict, and perceptions and knowledge about the land law in Mozambique: Analysis of nationally representative data to assess the impact of land policy monitoring and capacity building activities. Selected Poster, Agricultural & Applied Economics Association Meeting, Washington, DC, August 4-6, 2013.

Magen, B. (Presenter & Author), E. Crawford (Author only) and M. Maredia (Author only). 2013. Economic Impact of Research Investment in the Development and Dissemination of Improved Cowpea Varietal Technology in Senegal. Selected Poster, Agricultural & Applied Economics Association Meeting, Washington, DC, August 4-6, 2013.



Lawson, T. (Presenter & Author) and M. Maredia (Author Only). 2013. A Systematic Review of the Impact of School Feeding Programs on Educational, Nutritional, and Agricultural Development Goals. Selected Poster, Agricultural & Applied Economics Association Meeting, Washington, DC, August 4-6, 2013.

Maredia, M (Presenter & Author) and Reyes, B (Presenter & Author). 2013. "Impact Pathways and Relevance to Legume Innovation Lab Projects" Project Planning Meetings, Puerto Rico, Quito, Lusaka, Accra, Maputo and Dakar, May-June.

Maredia, M (Presenter & Author). 2013. "Designing Impact Evaluations: What are the Appropriate Research Questions and Methods?" Workshop for Managers of Impact Evaluation, InterAction, Washington, D.C., May 13

Maredia, M. (Presenter & Author). 2013. "Introduction to the Survey Instrument: Concepts and Structure" Enumerator Training for the Land Survey, Maseru, Lesotho, March 5.

Maredia, M. (Presenter & Author). 2012. "The theory and practice of impact evaluations in agricultural development". Department of Agricultural, Food and Resource Economics (AFRE), MSU, October 23.

Maredia, M. (Presenter & Author). 2012. "Estimating the Impacts of Crop Improvement Research in Sub-Saharan Africa: An Aggregate Analysis Across Major Crops and Countries". Final Results Workshop of the DIIVA project, SPIA/Bioversity, Rome, November 10.

Maredia, M. (Presenter & Author), Magnan, N. (Presenter & Author). 2012. "Methodological challenges and innovations In Technology adoption and impact analysis". Adoption Pathways Project Planning and Inception Meeting, Addis Ababa, September 13.

Maredia, M. (Presenter & Author), Jin, S. (Author Only). 2012. "Impact Evaluation Research: Methods and Practical Challenges". Ministry of Agriculture (MINAG), Maputo, Mozambique, July 27.

Maredia, M. (Presenter & Author). 2012. "Global Pulse Production and Consumption Trends: The Potential of Pulses to Achieve 'Feed the Future' Food and Nutritional Security Goals". 2012 Global Researchers Meeting, Dry Grain Pulses CRSP, Rwanda, February 18.

Maredia, M. (Presenter & Author). 2012. "Refocusing and Positioning the CRSP to Achieve Development Outcomes: Lessons Learned from Past Bean/Cowpea and Pulse CRSP Investments in Research". 2012 Global Researchers Meeting, Dry Grain Pulses CRSP, Rwanda, February 14.

Reyes, B. A. (Presenter & Author), Bernsten, R. H. (Author Only), Maredia, M. (Author Only), Crawford, E. W. (Author Only). 2012. "Seed Systems as a Basis for Achieving Impacts from Research Investments in Bean and Cowpea Breeding". 2012 Global Researchers Meeting, Dry Grain Pulses CRSP, Rwanda, February 14.

Maredia, M.K. and G. Norton. 2012. "Assessing the Impacts of Agricultural Research and Development in a Global Bio-Economy." Organized Symposium at the 28th International Conference of Agricultural Economists. Foz do Iguacu, Brazil, August 20.

Maredia, M. (Presenter & Author). 2012. "Can ICT meet the information needs of farmers? A comparative analysis of mobile agro-advisory services (MAAS) implemented in Rajasthan, India". International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 21.

Peralta, M. A. (Presenter & Author), Swinton, S. M. (Author Only), Maredia, M. (Author Only). 2012. "Accounting for selection bias in impact analysis of a rural development program: An application using propensity score matching". International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 20.

Reyes, B. A. (Presenter & Author), Bernsten, R. H. (Author Only), Maredia, M. (Author Only), Crawford, E. W. (Author Only), Kelly, J. D. (Author Only), Rosas, J. C. (Author Only). 2012. "Ex-post Economic Impact of Improved Bean Varieties in Four Central American countries and Ecuador". International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 20.

Reyes, B. A. (Presenter & Author), Donovan, C. (Author Only), Bernsten, R. H. (Author Only), Maredia, M. (Author Only). 2012. "Market participation and sale of potatoes by smallholder farmers in the central highlands of Angola: A Double Hurdle approach". International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 20.

Peralta, A. (Presenter & Author), Swinton, S. M. (Author Only), Maredia, M. (Author Only). 2011. "Accounting for selection bias in establishing a baseline for impact assessment of an integrated rural development project". Mind The Gap Conference on Impact Evaluation 2011, Cuernavaca, Mexico, June 16.

Maredia, M. (Presenter & Author). 2011. "Building Human Resources and Institutional Capacity through CRSPs: Achievements, Best Practices and Constraints". BIFAD Meeting, Des Moines, IA, October 11, 2011.

Maredia, M. (Presenter & Author). 2011. "Strategies for increasing adoption of profitable agricultural technology: Role of policies, institutions, social networks, and supply chains". Agricultural Technology Adoption & Food Security in Africa Evidence Summit, Organized by USAID and ATAI, Washington D.C., June 1-2, 2011.

Maredia, M. (Presenter & Author). 2011. "M&E and Impact Evaluation of Agricultural Research: Challenges and Best Practices". "Feed the Future" Planning Workshop organized by USAID and APLU, Purdue University, January 12.

Maredia, M. (Author Only), Phororo, M. (Presenter & Author). 2011. "Human Subject Protection: Principles and Guidelines for Survey Research". Enumerator Training, Sechaba Consultants, Lesotho, November 17-26 2011, November 17.

Maredia, M. (Author Only), Phororo, M. (Presenter & Author). 2011. "Impact Evaluation Design for the MCA-Land Project in Maseru". Enumerator Training, Sechaba Consultants, Lesotho, November 17-26 2011, November 17.

Maredia, M. (Author Only), Staatz, J. (Presenter & Author) and Dembele, N. (Author only). 2010. Monitoring and Evaluation of ECOWAP/CAADP: The choice of indicators. Presentation to ECOWAP/CAADP monitoring & Evaluation Committee, Cotonou, Benin, 8-10 Nov. 2010.

Maredia, M. (Author Only), Staatz, J. (Presenter & Author) and Dembele, N. (Author only). 2010. Monitoring and Evaluation of ECOWAP/CAADP: The proposed mechanism and framework. Presentation to ECOWAP/CAADP monitoring & Evaluation Committee, Cotonou, Benin, 8-10 Nov. 2010.

## **BLOGS:**

*Does response fatigue bias our understanding of rural livelihoods against women and youth? (with Kate Ambler and Sylvan Herskowitz). December 18, 2020. <https://www.ifpri.org/blog/does-response-fatigue-bias-our-understanding-rural-livelihoods-against-women-and-youth>*

*Anticipate, Mitigate, Monitor: A Rapid Research Response for COVID-19 Policy Guidance in Myanmar's Agrifood System (with J. Goeb and D. Boughton). October 2020. <https://www.canr.msu.edu/news/anticipate-mitigate-monitor-a-rapid-research-response-for-covid-19-policy-guidance-in-myanmar-s-agrifood-system>*

*Impact of the COVID-19 Pandemic on People Living in South Asia Region: Findings of the Rapid Assessment Web Survey Conducted in April 2020. June 2020. <https://www.canr.msu.edu/news/key-findings-of-the-2020-south-asia-survey-on-the-effects-of-covid-19>*

*Awareness, Risk Perceptions and Safety Behavior: How are Men and Women in Rural and Urban Africa Responding to COVID-19? April 2020. <https://www.canr.msu.edu/news/awareness-risk-perceptions-and-safety-behavior-how-are-men-and-women-in-rural-and-urban-africa-responding-to-covid-19>*

*Using Mobile Phones to do Research in the Time of COVID-19 Lockdowns and Beyond. April 2020. <https://www.canr.msu.edu/news/using-mobile-phones-to-do-research-in-the-time-of-covid-19-lockdowns-and-beyond>*

*Why the Influence of Agricultural Policy Research is Probably Greater Than We Think. June 2018. <https://www.agrilinks.org/post/why-influence-agricultural-policy-research-probably-greater-we-think> (with T. Jayne, T. Reardon, and D. Tschirley)*

*Building Resilience Through Better Policies. June 2018. <https://www.agrilinks.org/post/building-resilience-through-better-policies-approach-taken-feed-future-innovation-lab-food> (with X. Diao)*

## **COLLEGE/DEPARTMENT SERVICE:**

Reviewer, 2021 S.C. Lee Graduate Student Paper Competition, Asian Studies Center

External member, Research paper/comprehensive exam committee (appointed by AFRE's Graduate Program Director)

- Rahul Dhar (2020)
- Sudhir Singh (2021)

Member, Graduate Student Job Placement Committee, AFRE Department. (August 2017-Present).

Member, Search Committee

- Associate Professor (Fixed Term), Development Economics (October 2021-present)
- Research Associate position under the Mozambique project (February-April 2021)
- Two Research Associate positions under the MAPSA project (March-May 2020)
- Communications Manager position (2019)

Coordinate and lead AFRE women faculty discussion group on Community Norms (March 2021)

Member, Advisory Council, Asian Studies Center (MSU). (September 2016 – August 2018). Responsibilities: To provide advice on the broad direction of the Asian Studies Center based on Dean Hanson's vision for International Studies and Program (ISP) at MSU.

Chair, International and Regional Economic Development (Strategic Planning Ad hoc Committee), Michigan State University. (March 2016 - December 2016). Responsibilities: Lead the development of a Report that was submitted to the Department Advisory Committee (DAC) as an input in the AFRE Department's strategic planning process.

Fixed Term Assistant Professor, International Development, Search Committee Chair, April-September 2013

International Agricultural Development (IAD) Field Exam Committee 2011, Committee Member

Ph.D. Thesis Selection Committee, Committee Chair, 2011: Review all the Ph.D. dissertations completed by Department graduates in 2010 and select one thesis for nomination for the "AAEA most outstanding dissertation award-2010"

Pulse CRSP Deputy Director Search Committee, Committee Member, August – October 2011.

## **OTHER PROFESSIONAL SERVICE:**

**Co-Leader, Cluster 1.2-** Science Policy and Innovation Systems for Sustainable Intensification, CGIAR Research Program on Policy, Institution and Markets (PIM), (October 2016 - Present). Responsibilities: Lead the process to define strategic directions for the flagship, communicate them clearly to PIM teams and partners, and work with the cluster and activity leaders to ensure translation of strategic directions into work plans and budgets; Provide technical expertise and guidance to flagship teams; Ensure coordination of work within the flagship.

**Theme leader for Abstract Review**, Technology Dissemination, Adoption and Impact Assessment/ policy – transformation, Pan African Legume and World Cowpea Conference, (November 2015 - January 2016).

**Conference/Meeting Organizer**, Innovative methods for measuring adoption of agricultural technologies: Establishing proof of concept and thinking about scaling up, MSU, SPIA and PIM, (August 3, 2016 - August 4, 2016). Responsibilities: Organized a two-day workshop, jointly sponsored by SPIA and PIM, to bring together impact assessment researchers from the CGIAR to: a) Take a stock of current and innovative methods for measuring adoption of agricultural technologies; b) Share and discuss results and insights from pilot studies and experiments

conducted to establish proof of concepts to harness the potential of new methods for tracking adoption of agricultural practices and other types of technologies; and c) Further the discussion on scaling up proven methods for measuring technology adoption.

**Served as peer reviewer for journals (Past 2 years):**

Nature Plants, Nature Food, Agricultural Economics, Applied Economic Perspectives and Policy, J of Agricultural Economics, Food Policy, Agricultural and Resource Economics Review, Food Security, Journal of Agricultural and Applied Economics, CABI Agriculture and Bioscience.

**COMMUNITY SERVICE (Voluntary)**

2021: Consultant, Communities to Market (C2M) Research and Development project, Aga Khan Foundation (AKF), Syria. Support the C2M Project to remotely organize and supervise the collection and analysis of opinions and data for key studies on: a) Pistachio, olive and livestock (dairy production) value chains. and b) conduct socio-economic assessments.

2018-2019: Strategy consultant, Special Programme for Saurashtra, Aga Khan National Council for India. Worked as part of a four-member team to conduct focus group discussions with stakeholders, review reports, and develop a proposal to enhance income opportunities and quality of life of low-income households living in the Saurashtra region of Gujarat, India.

1997-2013: Secretary, Board of Directors, Sidhpur Foundation. Sidhpur Foundation is a 501(c)(3) non-profit organization working towards the educational development of communities originating from Sidhpur and surrounding rural areas in Gujarat, India. It was co-founded by Karim Maredia and Mywish Maredia in 1997.

**LANGUAGE SKILLS**

English, Gujarati and Hindi (fluent); Spanish (working knowledge)