#### **DUNCAN HARVEY BOUGHTON**

# Professor, Department of Agricultural, Food, and Resource Economics, Michigan State University

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#### Education

Ph.D. in Agricultural Economics, Michigan State University, 1995

Major: Agricultural Commodity Marketing and Price Analysis

Minor: Production Economics

M.Sc. in Tropical Agricultural Development, University of Reading, UK, 1980 B.Sc. (Honors) in Agricultural Economics, University of Reading, UK, 1979

Honor Societies: Phi Kappa Phi, Phi Beta Delta.

## **Professional Awards**

J. William Fulbright Foreign Scholarship Award. 2019/20. Ralph H Smuckler Award for Advancing International Studies and Programs. 2016.

### Language Skills

English (fluent), French (functional reading/speaking), Portuguese (functional reading/speaking)

## Experience

- Professor, Department of Agricultural Food and Resource Economics (AFRE), Michigan State University (MSU). January 2016 to present. Visiting Professor, Department of Agricultural and Resource Economics, Kasetsart University, Bangkok, Thailand (from January 2022). Senior Advisor for MSU College of Education USAID Kenya-funded Empowered Youth Project (from April 2022). Lead PI for USAID Burma Food Security Policy and Livelihoods and Food Security (LIFT) funded projects in Myanmar. Advisor to Ministry of Agriculture, Livestock and Irrigation Policy Unit and National Agricultural Research System task force until military coup in 2021. Fulbright Scholar with Yezin Agricultural University Department of Agricultural Economics. Undertook research and analysis of agriculture and agri-food system to support policy formulation and program design consistent with Feed The Future aligned country objectives. Facilitated strategic planning for agricultural research units to build a unified national system. Currently involved in analysis of impacts of COVID-19 and the military coup on agriculture and food security through the Myanmar Agricultural Policy Support Activity (MAPSA) implemented jointly by IFPRI and MSU.
- Professor, Department of Agricultural Food and Resource Economics (AFRE/MSU). July 2014 to December 2015. Co-Director of the Food Security Group (FSG) and Program Director for the \$70 million USAID Feed the Future Innovation Lab for Food Security Policy (FSP-IL). Leadership responsibility for overall direction and performance of FSP-IL with partners IFPRI and University of Pretoria in 11 countries in Africa and Asia. Regularly called upon to organize and/or present at high level policy for such as USAID senior management briefings and USAID policy seminars.
- Associate Professor, International Development (AFRE/MSU). October 2005 to June 2014. Facilitated strategic planning process leading to formation of the Food Security Group (FSG). Selected as Co-Director with leadership responsibility for overall direction and performance of FSG. Presentation to the US Government Accountability Office team on Global Food Insecurity, invited

member of the NEPAD/CAADP Expert Reference Group on Food Security and Nutrition, invited keynote speaker for the Southern Africa Strategic Analysis and Knowledge Support Systems network, Co-convener for an IAAE conference mini-symposium on "Strengthening the Linkage Between Policy Research and Policy Practice in Sub-Saharan Africa", Chair for opening session of round table on "Regional Trade, Growth and Emergency Response: Strategic Options for Dealing with Recurrent Food Crises in Southern Africa"; invited speaker for G17 Heads of Mission meeting in Maputo, Mozambique.

- Associate Professor, International Development (AFRE/MSU). August 2004 to September 2005. Primary responsibility for leadership of an in-country and campus team of seven MSU faculty engaged in a four-year, \$4.9 million USAID/Mozambique-funded grant beginning 1 October 2004 to build capacity for socio-economic and policy analysis with the Mozambican national agricultural research program (IIAM) and the Ministry of Agriculture. Major policy analysis presentations made to the World Bank, the Mozambique Ministry of Agriculture international donor working group, and representatives of Mozambique's Ministries of Planning and Development and Ministry of Agriculture.
- Associate Professor, International Development (AFRE/MSU) and Mozambique Country Director. October 1998 to July 2004. Overall responsibility for in-country leadership of a \$6.1 million USAID/Mozambique-funded grant for Research and Policy Dialogue. The principal objective of the grant was to build capacity in data collection and policy analysis as part of a sector-wide public investment program. Prepared policy analysis and keynote speeches for the Minister of Agriculture for several international events (Berlin Food Aid Conference, American Growth and Opportunity Act Conference, Johannesburg International Environmental Conference).
- Senior Scientist (Economics) and Southern Africa Regional Project Manager, International Crops Research Institute for the Semi-Arid Tropics. August 1996 to August 1998. Based in Malawi, provided leadership for the socio-economics research component of multi-disciplinary technical research teams improving pigeon pea and groundnut productivity in Southern and Eastern Africa, and managed a German Aid (GTZ) funded SADC regional program for groundnut technology transfer.
- Visiting Assistant Professor (MSU) and Coordinator of Agricultural Research Strategic Planning Activity. October 1994 to July 1996. This USAID funded activity focused on strategic planning approaches to integrate agricultural technology, value chain and economic growth policies and strategies in Africa to improve the impact of agricultural research investments.
- Graduate Research Assistant/In-country Researcher (MSU). January 1992 to September 1994. Undertook an in-depth analysis of the maize commodity system in Mali, focusing on urban coarse grain processing and consumption patterns in collaboration with socio-economists from the Institut d'Economie Rurale (IER). Advised USAID Mali on the impact of a major regional currency devaluation on different urban consumer groups, and policy implications for urban safety nets.
- Graduate Research Assistant, Department of Agricultural Economics. September 1988 to December 1991. Undertook the following research assignments: 1) a collaborative study with the Farming Systems department of IER/Mali to assess the impact and rate of return to maize research in Mali, 2) an evaluation of World Bank and USAID supported projects to strengthen National Agricultural Research Systems in Africa, and 3) an evaluation of alternative techniques for economic

- analysis of on-farm trials. Undertook a World Bank study with Jaqueline Novogratz (Acumen Fund) on opportunities to improve agriculture for women farmers in The Gambia.
- Farm Management Economist, Department of Agricultural Research Services, The Gambia (seconded by UK Overseas Development Administration, now FCDO). June 1983 August 1988. Principal activities involved provision of an interface between small farmers and technical scientists in the national agricultural research program. Worked closely with scientists of the University of Wisconsin-Madison and Peace Corps on a USAID-funded agricultural research project.
- Internship with the UK Overseas Development Administration (now FCDO). November 1980 to May 1983. Competitively awarded internship included 11 months at the International Rice Research Institute in The Philippines, 9 months with the International Agricultural Centre in the Netherlands, and 8 months as an assistant to Natural Resources Economics advisors at the Overseas Development Administration headquarters in London.

#### **Publications**

#### 1. Journal articles

- Win, Myat Thida, Mywish Maredia and Duncan Boughton. 2022. Farmer demand for certified legume seed and the viability of farmer seed enterprises: Evidence from Myanmar. *Food Security*. <a href="https://doi.org/10.1007/s12571-022-01338-0">https://doi.org/10.1007/s12571-022-01338-0</a>
- Goeb, Joseph, Mywish Maredia, Khin Zin Win, Ian Masias, Isabel Lambrecht, Duncan Boughton & Bart Minten. 2022. Urban food prices under lockdown: evidence from Myanmar's traditional food retail sector during COVID-19, *Applied Economics* https://doi.org/10.1080/00036846.2022.2044999
- Boughton, D., J. Goeb, I. Lambrecht, D. Headey, H. Takeshima, K. Mahrt, I. Masias, S. Goudet, C. Ragasa, M. Maredia, B. Minten, and X. Diao. 2021. Impacts of COVID-19 on Agricultural Production and Food Systems in Late Transforming Southeast Asia: The Case of Myanmar. Journal of *Agricultural Systems* Volume 188. <a href="https://doi.org/10.1016/j.agsy.2020.103026">https://doi.org/10.1016/j.agsy.2020.103026</a>
- Nagoshi, R.N., Htain, N.N., Boughton, D., Zhang, L., Xiao, Y., Nagoshi, B.Y., and Mota-Sanchez, D. 2020. Southeastern Asia fall armyworms are closely related to populations in Africa and India, consistent with common origin and recent migration. *Scientific Reports* 10, 1421. <a href="https://doi.org/10.1038/s41598-020-58249-3">https://doi.org/10.1038/s41598-020-58249-3</a>
- Bloem, Jeffrey R., Duncan Boughton, Kyan Htoo, Aung Hein and Ellen Payongayong. 2018. Measuring Hope: A Quantitative Approach with Validation in Rural Myanmar. *The Journal of Development Studies*. http://www.tandfonline.com/doi/full/10.1080/00220388.2017.1385764.
- Benfica, Rui, Duncan Boughton, Rafael Uaiene and Bordalo Mouzinho. 2017. Food Crop Marketing and Agricultural Productivity in a High Price Environment: Evidence and Implications for Mozambique. *Food Security*, Vol 9: 1405-1418. https://doi.org/10.1007/s12571-017-0731-x
- Reardon, Thomas, Duncan Boughton, David Tschirley, Steven Haggblade, Michael Dolislager, Bart

- Minten and Ricardo Hernandez. 2015. Urbanization, Diet Change, & Transformation of the Downstream and Midstream of the Agrifood System: Effects on the Poor in Africa and Asia. *Faith and Economics*, Vol 66: 43-63.
- Haggblade, Steven, John Staatz, Duncan Boughton, Boubacar Diallo, Ferdinand Meyer, Isaac Minde, Lulama Traub and David Tschirley. 2015. Regional Dimensions of South Africa's CAADP Process: Lessons from West Africa. *African Journal of Agricultural and Resource Economics*. Vol.10, No 1: 32-50.
- Haggblade, Steven, Duncan Boughton, Khin Mar Cho, Glenn Denning, Renate Kloeppinger-Todd, Zaw Oo, Tun Min Sandar, Tin Maung Than, Naw Eh Mwee Aye Wai, Shannon Wilson, Ngu Wah Win, Larry C. Y. Wong. 2014. Strategic Choices Shaping Agricultural Performance and Food Security in Myanmar. *Journal of International Affairs* 67 (2): 55-71. Columbia University, School of International and Public Affairs.
- Mather, David, Boughton, Duncan and Jayne, T.S. 2013. Explaining Smallholder Maize Marketing in Southern and Eastern Africa: The Roles of Market Access, Technology and Household Resource Endowments. *Food Policy* 43 (2013) 248-266.
- Tschirley, David L., Poulton, Colin, Gergely, Nicolas, Labaste, Patrick, Baffes, John, Boughton, Duncan H., and Estur, Gerald. 2010. Institutional Diversity and Performance in African Cotton Sectors. Development Policy Review 28 (3): 295-323.
- Boughton, Duncan, David Mather, Christopher B. Barrett, Rui Benfica, Danilo Abdula, David Tschirley and Benedito Cunguara. 2007. Market Participation by Rural Households in a Low-Income Country: An Asset-Based Approach Applied to Mozambique. *Faith and Economics* Vol 50:64-101.
- Boughton, D., and T. Reardon. 1997. Will Improved Coarse Grain Processing Turn the Tide for Traditional Cereals in the Sahel? Recent Empirical Evidence from Mali. *Food Policy* Vol. 22, No.4, 307–316.
- Reardon, Thomas, Valerie Kelly, Eric W. Crawford, Bocar Diagana, Josué Dioné, Kimseyinga Savadogo and Duncan Boughton. 1997. Promoting Sustainable Intensification and Productivity Growth in Sahel Agriculture After Macroeconomics Policy Reform. *Food Policy*, Vol. 22, No. 4, 317-328.
- Boughton, D., and B. Témé. 1996. Farming Systems and Markets Combining Analytical Frameworks for the Development of Commodity Subsectors: The Case of Maize in Southern Mali. *Journal for Farming Systems Research-Extension*, Vol. 6, No. 1, 49-66.
- Dibley, D., D. Boughton and T. Reardon. 1995. Processing and Preparation Costs for Rice and Coarse Grains in Urban Mali: Subjecting an *Ipse Dixit* to Empirical Scrutiny. *Food Policy*, Vol. 20, No.1, 41-50.

# 2. Book Chapters

Boughton, Duncan, Ikuko Okamoto, Siu Sue Mark, Tin Htut Oo, Theingi Myint and Ardeth Maung Thawnghmung. 2020. Agriculture and the Rural Economy: The Struggle to Transform Rural Livelihoods. In Adam Simpson and Nicholas Farrelly (Eds). Myanmar – Politics, Economy and

- Society. Routledge Press.
- McIntyre, Angela M., Jannie Armstrong, Suresh C. Babu, Yergelem Beraki, Duncan Boughton, Boaz B. Kaziere, Michael Roberto Kenyi Legge, Laila Lokosang, Bongeka Mdleleni, Rufaro Musvaire, Tessa Marcus, Leila Oliviera, Luca Russo, Jeanettte Sprinkhuizen, and Duncan Stewart. 2019. Notes from the field: challenges, solutions and promising ideas. In Henriks, Sheryl, Ed. Food Security Policy, Education and Impact Assessment. Routledge, Taylor and Francis Group.
- Staatz, John, Duncan Boughton and Cynthia Donovan. 2009. Food Security in Developing Countries. In *Critical Food Issues Volume 1: Environment, Agriculture and Health*, ed Laurel E. Phoenix. Pergamon Press.
- Boughton, Duncan and Colin Poulton. 2009. Cotton Research. In *Organization and Performance of Cotton Subsectors in Africa: Learning From Reform Experience*. Eds David Tschirley, Colin Poulton and Patrick Labaste. Washington, D.C.: The World Bank.
- Poulton, Colin, Patrick Labaste and Duncan Boughton. 2009. Yields and Returns to Farmers. In *Organization and Performance of Cotton Subsectors in Africa: Learning From Reform Experience*. Eds David Tschirley, Colin Poulton and Patrick Labaste. Washington, D.C.: The World Bank.
- Tschirley, David, Colin Poulton and Duncan Boughton. 2008. The Many Paths of Cotton Sector Reform in Eastern and Southern Africa: Lessons from a Decade of Experience. In *Hanging by a Thread: Cotton, Globalization and Poverty in Africa*, eds. William G. Moseley and Leslie Gray. Nordic Press.
- Boughton, D., T. Reardon and J. Wooldridge. 1999. Determinants of Diversification of Urban Sahel Diets into Maize: A Contingent Valuation Study of Processed Maize Demand in Mali. In *Food Security, Diversification and Resource Management: Refocusing the Role of Agriculture* edited by G. H. Peters and Joachim von Braun. Proceedings of the Twenty-Third International Conference of Agricultural Economists, Sacramento, California, August 10-16, 1997. Aldershot, Ashgate, pp. 317-324.
- Reardon, Thomas, Valerie A. Kelly, Bocar Diagana, Josué Dioné, Eric W. Crawford, Kimseyinga Savadogo and Duncan Boughton. 1998. Intensification durable induite par le facteur capital dans l'agriculture sahélienne: surmonter les contraintes structurelles après les réformes des politiques macro-économiques. In *L'Intensification Agricole au Sahel* edited by Henk Breman and Keffing Sissoko. Paris: Editions Karthala, 1998.
- Boughton, D. 1981. Energy Use in Alternative Rice Production Systems in Nueva Ecija, Philippines. in *Beyond The Energy Crisis: Opportunity and Challenge*. Pergamon Press.

# 3. Conference papers

Boughton, Duncan, Bart Minten, Steve Haggblade, Kristi Mahrt, Derek Headey, Isabel, Lambrecht, Joey Goeb, Ben Belton, Ian Masias, Nilar Aung, and Cho Cho San. 2021. Double Jeopardy, Effects of the Coup and COVID-19 on Myanmar's Agri-food System and Rural Economic Transformation. Accepted paper for the 10<sup>th</sup> International Conference of the *Asian Society of Agricultural Economists*, December 6-8, 2021.

- Boughton, Duncan, Nilar Aung, Ben Belton, Mateusz Filipski, David Mather and Ellen Payongayong. 2018. Myanmar's Rural Economy: A Case Study in Delayed Transformation. Paper presented at 30<sup>th</sup> International Association of Agricultural Economists meeting, Vancouver, Canada, July 29 August 2, 2018.
- Theingi Myint, Duncan Boughton, Thanda Kyi and Tin Htut. 2017. Myanmar's Changing Rice Economy: Opportunities, Challenges and Policy. Paper presented at a panel on "Asian Rice Economies: Country Experiences and Challenges Ahead" at the Centenary Conference of the Indian Economics Association, Acharya Nagarjuna University, Guntur, Andhra Pradesh, December 2017.
- Boughton, D. H., Belton, B., Myat Thida Win, Aung Hein, Payongayong, M. E., & Tin Htut Oo. 2017. Agricultural and Rural Transformation in Myanmar: Racehorse or Donkey? Paper presented at the 9<sup>th</sup> International Conference of the *Asian Society of Agricultural Economists*, Bangkok, Thailand, January 2017.
- Benfica, R., Boughton, D. H., Uaiene, R. N. 2015. Food Crop Marketing and Agricultural Productivity in a High Price Environment: Evidence and Implications for Mozambique. Paper presented at 29th International Association of Agricultural Economists meeting, Milan, Italy, August 2015.
- Pitoro, Raul, Thomas Walker, David Tschirley, Duncan Boughton, Scott Swinton, and Higino de Marrule. 2009. Can Bt Technology Reduce Poverty Among African Cotton Growers? An Ex Ante Analysis of the Private and Social Profitability of Bt Cotton Seed in Mozambique. Contributed paper for the 27th International Association of Agricultural Economics Meeting, Beijing, August 2009.
- Tschirley, David L., Colin Poulton, Nicolas Gergely, Patrick Labaste, John Baffes, Duncan Boughton, Gérald Estur and Julie Dana. 2008. Institutional Diversity and Performance in African Cotton Systems: Learning from Reform in West-Central Africa and East and Southern Africa. Paper presented at the International Conference on Cotton entitled "Rationale and Evolution of Cotton Policies", Montpelier, France, May 13 17, 2008.
- Boughton, Duncan, David Mather, David L Tschirley, Thomas Walker, and Ellen Payongayong. 2005. Pro-Poor Rural Economic Growth for Post-Civil War Recovery: Myth or Reality in Mozambique? Accepted as a poster paper for the 26th International Association of Agricultural Economics Meeting, Brisbane, August 2006.
- Walker, Thomas, Duncan Boughton, David Tschirley, Raul Pitoro and Ada Tomo. 2006. Using Rural Household Income Survey Data to Inform Poverty Analysis: An Example from Mozambique. Contributed paper presented at the 26th International Association of Agricultural Economics Meeting, Brisbane, August 2006.
- Benfica, Rui M.S., David Tschirley and Duncan Boughton. 2006. Interlinked Transactions in Cash Cropping Economies: The Determinants of Farmer Participation in the Zambezi River Valley in Mozambique? Contributed paper presented at the 26th International Association of Agricultural Economics Meeting, Brisbane, August 2006.
- Boughton, D., David L Tschirley, Afonso Osorio Ofiço, Higino M Marrule, and Ballard Zulu. 2003. Cotton Sector Policies and Performance in Sub-Saharan Africa: Lessons Behind the

- Numbers in Mozambique and Zambia. Paper presented at the 25<sup>th</sup> International Association of Agricultural Economics Meeting, Durban, August 2003.
- Carrilho, João, Rui Benfica, David Tschirley and Duncan Boughton. 2002. Qual o Papel da Agricultura Comercial Familiar no Desenvolvimento Rural e Reducção da Pobreza em Moçambique? Paper presented at the Mozambican Association of Science and Technology, Maputo, October 2002.
- Boughton, D., T. Reardon and J. Wooldridge. 1999. Determinants of Diversification of Urban Sahel Diets into Maize: A Contingent Valuation Study of Processed Maize Demand in Mali. Paper presented at the Twenty-Third International Conference of Agricultural Economists, Sacramento, California, August 10-16, 1997. Aldershot, Ashgate, pp. 317-324.
- Jeje, José Jamie, Julie Howard, Paul Strasberg and Duncan Boughton. 1999. "The Potential for Productivity Increases in Cotton and Maize Systems: The Case of Northern Mozambique." Paper presented at the Workshop on Agricultural Transformation, Nairobi, Kenya, June 27-30, 1999.
- Ricks, Donald J., T. Woods, D. Boughton and C. Lyford. "Strategic Planning with Horticultural Crop Industries." 1996. Paper presented at the XIII International Conference on Horticultural Economics. Published in *Acta Horticulturae*, no. 429, International Society for Horticultural Science.
- Ricks, Donald J., Conrad Lyford; Timothy Woods, and Duncan Boughton. 1996. "Strategic Planning for Improved Competitiveness With the Michigan Apple Industry." Paper presented at the AAEA Annual Meeting, San Antonio, Texas, July 1996.
- Reardon, Thomas; Valerie Kelly; B. Diagana; J. Dione; Eric W. Crawford; K. Savadogo and D. Boughton. 1996. "Sustainable Capital-led Intensification in Sahel Agriculture: Addressing Structural Constraints After Macroeconomic Policy Reform." Paper presented at the International Symposium on Food Security and Innovations: Successes and Lessons Learned, Stuttgart-Hohenheim, Germany, March 11, 1996.
- Boughton, D., J. Staatz and J. Shaffer. 1994. Analyzing the Impact of Structural Adjustment on Commodity Subsectors: Currency Devaluation and the Maize Subsector in Mali. Paper presented at the African Studies Association Meetings, Toronto, November 1994.
- Boughton, D., and J. Staatz. 1994. Using the Commodity Subsector Approach to Design Agricultural Research: The Case of Maize in Mali. Paper presented at the 22nd International Agricultural Economics Association Meetings, Harare, August 1994. Abstracted in Issues in Agricultural Competitiveness edited by Roger Rose; Carolyn Tanner and Margot A. Bellamy. IAAE Occasional Paper no. 7, 1997, p. 471.
- Témé, Bino, with Ousmane Sanogo and Duncan Boughton. 1994. Le maïs dans les systèmes de production du sud du Mali: historique et perspectives. Paper presented at an international seminar "Maïs Prospère" in Cotonou, Benin, 25-28 January, and published in <u>Production et valorisation du maïs à l'échelon villageois en Afrique de l'Ouest. CIRAD</u>
- Boughton, D., and B. Témé. 1992. Farming Systems and Markets Combining Analytical Frameworks for the Development of Commodity Subsectors: The Case of Maize in Southern Mali. Paper

- presented at the 12th International Farming Systems Symposium, East Lansing, November 1992.
- Boughton, D., and B.F. Mills. 1990. A Study of Farmers' Soil Fertility Management Strategies to Inform Agronomic Research in The Gambia: An Evaluation of the Methods and Interdisciplinary Approach Employed. Paper presented at the 10th Annual Farming Systems Research-Extension Symposium, Michigan State University, October 14-17, 1990.
- Boughton, D. 1990. Groundnut Market Liberalization in The Gambia: The Need for a Subsector Approach to the Design of Programs That Result in Both Efficiency and Growth. Paper presented at a Symposium on Instituting Effective Markets During the Transition to Market-Oriented Economies, MSU, August 29-30, 1990.
- Boughton, D., M. Fall, H. Mahl, O. Serrant, B. de Tollenaere, and J. Vuurmans. 1982. The Farming System in the Serer Area of Senegal. ICRA, Wageningen, The Netherlands.
- 4. MSU Food Security Policy (FSP) Research Papers and Policy Briefs (downloadable from <a href="https://www.canr.msu.edu/fsp/">https://www.canr.msu.edu/fsp/</a>), Myanmar Agricultural Policy Support Activity Working Papers and Policy Briefs (downloadable from <a href="https://www.ifpri.org/program/myanmar-strategy-support-program">https://www.ifpri.org/program/myanmar-strategy-support-program</a>), MSU International Development Working Papers (IDWP), Policy Syntheses (PS) and Staff Papers
- Myanmar Agriculture Policy Support Activity (MAPSA). 2022. Double Jeopardy: COVID-19, coup d'etat and poverty in Myanmar. Myanmar SSP Working Paper 22. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.135954">https://doi.org/10.2499/p15738coll2.135954</a>
- Boughton, Duncan, Bart Minten, Steve Haggblade, Kristi Mahrt, Derek Headey, Isabel, Lambrecht, Joey Goeb, Ben Belton, Ian Masias, Nilar Aung, Cho Cho San, David Mather. 2022. Beyond Emergency Relief: What Will It Take to Ensure a Resilient Recovery for Agriculture and the Rural Economy of Myanmar. Myanmar SSP Working Paper 14. Washington, DC: International Food Policy Research Institute (IFPRI).
- Boughton, Duncan, Kristi Mahrt, Joey Goeb, Bart Minten, Xinshen Diao, Cho Cho San, Nilar Aung. 2021. Myanmar's poverty and food insecurity crisis: Support to agriculture and food assistance is urgently needed to preserve a foundation for recovery. Myanmar SSP Working Paper 12. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134463">https://doi.org/10.2499/p15738coll2.134463</a>
- Goeb, Joey, Duncan Boughton, A Myint Zu, Nang Lun Kham Synt. 2021. Monitoring the agri-food system in Myanmar: Maize Farmers Monsoon Season phone surveys. Myanmar SSP Research Note 68. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134723">https://doi.org/10.2499/p15738coll2.134723</a>
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- Goeb, Joey, Duncan Boughton, A Myint Zu, Nang Lun Kham Synt. 2021. Monitoring the agri-food system in Myanmar: Agricultural input suppliers September 2021 survey round. Myanmar SSP Research Note 66. Washington, DC: International Food Policy Research Institute (IFPRI).

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- Goeb, Joey, Duncan Boughton, A Myint Zu, Nang Lun Kham Synt. 2021. Monitoring the agri-food system in Myanmar: Agricultural commodity traders May 2021 survey round. Myanmar SSP Research Note 58. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134462">https://doi.org/10.2499/p15738coll2.134462</a>
- Goeb, Joey, Duncan Boughton, A Myint Zu, Nang Lun Kham Synt. 2021. Monitoring the agri-food system in Myanmar: Agricultural input suppliers June 2021 survey round. Myanmar SSP Research Note 57. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134457">https://doi.org/10.2499/p15738coll2.134457</a>
- Goeb, Joseph, Mywish Maredia, Khin Zin Win, Ian Masias, Isabel Lambrecht, Duncan Boughton, Bart Minten. 2021. Urban food prices under lockdown: Evidence from Myanmar's traditional food retail sector during COVID-19. Myanmar SSP Working Paper 11. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134463">https://doi.org/10.2499/p15738coll2.134463</a>
- Boughton, Duncan, Simrin Makhija, Mywish Maredia, David Mather, David Megill, David Ortega, Ellen Payongayong, Lavinia Plataroti, David J. Spielman, Marja Thijssen, and Myat Thida Win. 2020. Variety Adoption and Demand for Quality Seed in the Dry Zone of Myanmar. Feed The Future Innovation Lab for Food Security Policy Research Paper 179. East Lansing: Michigan State University. <a href="https://www.canr.msu.edu/resources/variety-adoption-and-demand-for-quality-seed-in-the-central-dry-zone-of-myanmar">https://www.canr.msu.edu/resources/variety-adoption-and-demand-for-quality-seed-in-the-central-dry-zone-of-myanmar</a>
- International Food Policy Research Institute (IFPRI) and Michigan State University. 2020. Impacts of COVID-19 on Myanmar's agri-food system: Evidence base and policy implications. Myanmar SSP Working Paper 4. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134042">https://doi.org/10.2499/p15738coll2.134042</a>
- Goeb, Joseph; Zu, A Myint; Zone, Phoo Pye; Synt, Nang Lun Kham; Boughton, Duncan; and Maredia, Mywish K. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural commodity traders Synopsis of results from three survey rounds through early August 2020. Myanmar SSP Policy Note 32. Washington, DC: International Food Policy Research Institute (IFPRI). https://doi.org/10.2499/p15738coll2.134038
- Goeb, Joseph; Synt, Nang Lun Kham; Zu, A. Myint; Boughton, Duncan; and Maredia, Mywish K. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural input retailers Synopsis of results from five survey rounds through late July 2020. Myanmar SSP Policy Note 31. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.134032">https://doi.org/10.2499/p15738coll2.134032</a>
- Goeb, Joseph; Zu, A. Myint; Synt, Nang Lun Kham; Zone, Phoo Pye; Boughton, Duncan; and Maredia, Mywish K. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural commodity traders Late June 2020 survey round. Myanmar SSP Policy Note 23. Washington, DC: International Food Policy Research Institute (IFPRI). https://doi.org/10.2499/p15738coll2.133952
- Goeb, Joseph; Zu, A. Myint; Synt, Nang Lun Kham; Boughton, Duncan; and Maredia, Mywish K. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural input retailers Mid-June and early July 2020 survey rounds. Myanmar SSP Policy Note 22. Washington, DC: International Food Policy Research Institute (IFPRI). https://doi.org/10.2499/p15738coll2.133949

- Goeb, J., D. Boughton, M.K. Maredia, A. M. Zu, and N. L. K. Synt. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural input retailers June 2020 survey round. Myanmar SSP Policy Note 15. Washington, DC: International Food Policy Research Institute (IFPRI). https://doi.org/10.2499/p15738coll2.133812
- Goeb, J., D. Boughton, M.K. Maredia, A. M. Zu, and N. L. K. Synt. 2020. 2020. Monitoring the impact of COVID-19 in Myanmar: Agricultural commodity traders May 2020 survey round. Myanmar SSP Policy Note 10. Washington, DC: International Food Policy Research Institute (IFPRI). <a href="https://doi.org/10.2499/p15738coll2.133792">https://doi.org/10.2499/p15738coll2.133792</a>
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Myat Thida Win (M.S. Student), Guidance committee member. Completed.

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