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- EDUCATION**
- Ph.D. 1990 - 1995
 Department of Applied Economics
 University of Minnesota,
 Minneapolis-St. Paul
 - M.A. 1982 - 1984
 Department of Business Economics
 Beijing Institute of Economics
 Beijing, China
 - B.A. 1978 - 1981
 Department of Business Economics
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PROFESSIONAL ACTIVITIES

- Deputy Director International Food Policy Research Institute, Development Strategy and Governance Division
2012-present
- Flagship Leader Policies, Institutions, and Markets (PIM), Research Program of CGIAR
2012-present
- Program Deputy Director Food Security Policy Project, a five-year 70 million joint project led by MSU, IFPRI and University of Pretoria
2013-present
- Program Leader Regional Strategic Analysis and Knowledge Support System in Asia, a one million/per year program since 2010
2010-present
- Sr. Research Fellow International Food Policy Research Institute, Development Strategy and Governance Division
2005-present
- Program Leader IFPRI Research Program GRP32: Country Development Strategy
2005-2011

Research Fellow	International Food Policy Research Institute, Trade and Macroeconomic Division/ Development Strategy and Governance Division 2000-2004
Assistant Professor	University of Minnesota, Department of Applied Economics and Asia Western Hemisphere Branch, Market and Trade Economics Division, Economic Research Service, U.S. Department of Agriculture. 1999 - 2000
Research Associate	University of Minnesota, Department of Applied Economics and Asia Western Hemisphere Branch, Market and Trade Economics Division, Economic Research Service, U.S. Department of Agriculture. 1995 - 1999
Research Fellow	University of Minnesota, Department of Applied Economics 1995
Consultant	Department of Agriculture and Natural Resources, the World Bank. April - September 1994
Research Assistant	Department of Applied Economics, University of Minnesota; 1992 - 1994
The World Bank Scholar	1990 - 1992
Senior Research Fellow, Assistant Director-General, Division Chief	Economic Reform Institute of China, Beijing, China, 1986 - 1990
Research Fellow	Research Center for Rural Development of the State Council (RCRD), Beijing, China, 1984 - 1986

PUBLICATIONS: PEER-REVIEWED BOOKS/MONOGRAPHS

7. *Strategies and Priorities for African Agriculture: Economywide Perspectives from Country Studies*, IFPRI book, 2012, ISBN 978-0-89629-195-9 (Edited by X. Diao, J. Thurlow, S. Benin, and S. Fan)
6. *A New Era of Transformation in Ghana: Lessons from the Past and Scenarios for the Future*, IFPRI book (*Research Monograph*), 2011, ISBN 978-0-89629-788-3 (Breisinger C., X. Diao, S. Kolavalli, R. Al Hassan, J. Thurlow)
5. *Yield Gaps and Potential Growth in Western and Central Africa*, IFPRI book (*Research Monograph*), 2011, ISBN 978-0-89629-182-9 (Alejandro Nin-Pratt, Michael Johnson, Eduardo Magalhaes, Liang You, Xinshen Diao, and Jordan Chamberlin)
4. *Agricultural Growth and Investment Options for Poverty Reduction in Rwanda*, IFPRI book (*Research Monograph*), 2010, ISBN 978-0-89629-176-8 (Xinshen Diao, Shenggen Fan, Sam Kanyarukiga and Bingxin Yu)
3. *Market Opportunities for African Agriculture: A General Equilibrium Examination of Demand-side Constraints on Agricultural Growth in East and Southern Africa*, IFPRI

- book (*Research Report 154*), 2007, ISBN-13: 978-0-89629-163-8 (Xinshen Diao, Paul Dorosh, and Shaikh Mahfuzur Rahman)
2. *The Role of Agriculture in Development: Implications for Sub-Saharan Africa*, IFPRI book (*Research Report 153*), 2007, ISBN 978-0-89629-161-4 (Xinshen Diao, Peter Hazell, Danielle Resnick, and James Thurlow)
1. *Strategic Priorities for Agricultural Development in Eastern and Central Africa*, IFPRI book (*Research Report 150*), January 2007, ISBN-13: 978-0-89629-158-4 (Steven Were Omamo, Xinshen Diao, Stanley Wood, Jordan Chamberlin, Liang You, Sam Benin, Ulrike Wood-Sichra, and Alex Tatwangire)

PUBLICATIONS: REFEREED JOURNALS

74. “The transformation of urban food systems in Ghana: Findings from inventories of processed products,” forthcoming in *Outlook on Agriculture* (Kwaw, Andam, David Tschirle, Seth Asante, Mahama Ramatu, and Xinshen Diao)
73. “Toward an Understanding of Economic Growth in Africa: A Reinterpretation of the Lewis Model.” *World Development* 109 (September): 511-522 (2018). (Xinshen Diao and Margaret McMillan) <https://doi.org/10.1016/j.worlddev.2016.12.008>
72. “Effects of Tractor Ownership on Returns-to-scale in Agriculture: Evidence from Maize in Ghana.” *Food Policy* 77 (2018): 33-49 (Hiroyuki Takeshima, Nazaire Houssou and Xinshen Diao) <https://doi.org/10.1016/j.foodpol.2018.04.001>
71. “Small Firms, Structural Change and Labor Productivity Growth in Africa: Evidence from Tanzania.” *World Development* 105 (2018): 400-415 (Xinshen Diao, Josaphat Kweka and Margaret McMillan) <https://doi.org/10.1016/j.worlddev.2017.12.016>
70. “Understanding the Role of Rural Nonfarm Enterprises in Africa’s Economic Transformation: Evidence from Tanzania.” *Journal of Development Studies* 54(4):833-855 (2018). (Xinshen Diao, Eduardo Magalhaes and Margaret McMillan) <https://doi.org/10.1080/00220388.2018.1430766>
69. “The Changing Structure of Africa’s Economies.” *The World Bank Economic Review*, 31(2): 412-433 (2017). (Xinshen Diao, Kenneth Harttgen and Margaret McMillan) <https://academic.oup.com/wber/article-lookup/doi/10.1093/wber/lhw070>
68. “Agricultural Labor Productivity and Industrialization: Lessons for Africa.” *Journal of African Economies* (1-38 December 2017) (Xinshen Diao, Margaret McMillan and Samuel Wangwe) <https://doi.org/10.1093/jae/ejx034>
67. “Development of the capital service market in agriculture: The emergence of tractor-hire services in Ghana.” *The Journal of Developing Areas* 51(1): 241-257 (2017). (Houssou, Nazaire; Diao, Xinshen; Asante-Addo, Collins; and Kolavalli, Shashidhara)

66. "Economywide Impact of Maize Export Bans on Agricultural Growth and Household Welfare in Tanzania: A Dynamic Computable General Equilibrium Model Analysis." *Development Policy Review* 2016, 34(1): 101-134 (Xinshen Diao and Adam Kennedy) <http://onlinelibrary.wiley.com/doi/10.1111/dpr.12143/abstract>
65. Regional Integration and Liberalization of Agricultural Trade in Southern Africa: Infatuation or Real Need? *Journal of Economic Integration* 29(3 September 2014): 520-562 (Alejandro Nin-Pratt and Xinshen Diao) (<http://dx.doi.org/10.11130/jei.2014.29.3.520>)
64. Mechanization in Ghana: Emerging demand, and the search for alternative supply models. *Food Policy* 48(October 2014): 168-181 (Xinshen Diao, Frances Cossar, Nazaire Houssou, Shashidhara Kolavalli) (<http://www.sciencedirect.com/science/article/pii/S0306919214000876>)
63. Can oil-led growth and structural change go hand in hand in Ghana? *Journal of Policy Modeling* 36(3): 507-523, May - June 2014 (Clemens Breisinger, Xinshen Diao, and Manfred Wiebelt)
62. Agricultural Mechanization in Ghana: Is Specialized Agricultural Mechanization Service Provision a Viable Business Model? *American Journal of Agricultural Economics* 95(5): 1237-1244; doi: 10.1093/ajae/aat026 (2013) (Nazaire Houssou, Xinshen Diao, Frances Cossar, Shashidhara Kolavalli, Kepo Jimah, and P. Aboagye)
61. Mechanization and Agricultural Technology Evolution, Agricultural Intensification in Sub-Saharan Africa: Typology of Agricultural Mechanization in Nigeria. *American Journal of Agricultural Economics* 95(5): 1230-1236; doi: 10.1093/ajae/aat045 (2013) (Hiroyuki Takeshima, Alejandro Nin-Pratt and Xinshen Diao)
60. Measuring structural change: the cases of China, Malaysia, and Ghana, *Journal of Developing Areas* 47(1): 373-393 2013. (Thaddée Badibanga, Xinshen Diao, Terry Roe and Agapi Somwaru)
59. Economic transformation in Ghana: Where will the path lead? *Journal of African Development* 14(2): 41-78, Fall 2012 (Sahsi Kolavalli, Elizabeth Robison, Xinshen Diao, Vida Alpureto, Renato Folledo, Mira Slavova, Guylsain Ngeleza and Felix Asante)
58. Current Climate Variability and Future Climate Change: Estimated Growth and Poverty Impacts for Zambia, *Review of Development Economics* 16(3): 394-411, 2012 (J. Thurlow, T. Zhu, and X. Diao)
57. The Global Recession and China's Stimulus Package: A General Equilibrium Assessment of Country Level Impacts, *China Economic Review*, 23(1): 1-17, 2012 (Xinshen Diao, Yumei Zhang and Kevin Chen)
56. Economy wide Impact of Avian Influenza in Ghana – A Dynamic Computable General Equilibrium (CGE) Model Analysis, *International Journal of Livestock Production* 2(10), 159-165, 2011. (Xinshen Diao)

55. Impacts of Agricultural Public Spending on Chinese Food Economy: A General Equilibrium Approach, *China Agricultural Economic Review* 3(4): 518-534, 2011 (Yumei Zhang, Kevin Chen, and Xinshen Diao)
54. Poverty implications of agricultural land degradation in Ghana - an economy-wide, multimarket model assessment, in *African Development Review* 23(3): 263-275, 2011. (Xinshen Diao and Daniel B. Sarpong)
53. Impacts of the triple global crisis on growth and poverty - The case of Yemen. *Development Policy Review* 29(2): 155-184, 2011 (Clemens Breisinger, Xinshen Diao, Marie-Helen Collion, and Pierre Rondot)
52. Potential Impacts of a Green Revolution in Africa – The Case of Ghana, *Journal of International Development* 23: 82-102, 2011 (Clemens Breisinger, Xinshen Diao, and James Thurlow)
51. Food Security and Nutrition in Cambodia: Patterns and Pathways. *Cambodia Development Review* 14(4): 12-17, 2010 (Ecker, O. and X. Diao)
50. Cambodia's agricultural strategy: Future development options for the rice sector. *Cambodia Development Review* 14(4): 7-11, 2010 (Yu, B. and X. Diao)
49. Managing Future Oil Revenues in Ghana: An Assessment of Alternative Allocation Options, *African Development Review* 22(2): 303-315, 2010 (Clemens Breisinger, Xinshen Diao, Rainer Schweickert and Manfred Wiebelt)
48. The Role of Agriculture in African Development, *World Development* 38(10): 1375–1383, 2010 (Xinshen Diao, Peter Hazell, James Thurlow)
47. Local Impacts of a Global Crisis: Food Price Transmission, Consumer Welfare and Poverty in Ghana, *Food Policy* 35(4): 294-302, 2010 (Godsway Cudjoe, Clemens Breisinger and Xinshen Diao)
46. The Role of Agriculture in Reducing Regional Disparities in Ghana: An Economywide Modeling Analysis. *Current Politics and Economics of Africa*, Volume 1(3/4): 219-242 (2009). ISSN: 1098-4070, Editor: Frank Columbus, Nova Publishers. (Ramatu M. Al-Hassan and Xinshen Diao)
45. Economic Transformation in Theory and Practice: What Are the Messages for Africa? *Current Politics and Economics of Africa*, Volume 1 (3/4): 323-398 (2009). ISSN: 1098-4070, Editor: Frank Columbus, Nova Publishers. (Clemens Breisinger and Xinshen Diao)

44. Cost Implications of Agricultural Land Degradation in Ghana. *Current Politics and Economics of Africa*, Volume 1(3/4): 243-274 (2009). ISSN: 1098-4070, Editor: Frank Columbus, Nova Publishers. (Xinshen Diao and Daniel Sarpong)
43. Modeling Growth Options and Structural Change to Reach Middle Income Country Status: The Case of Ghana, *Economic Modeling* 26(2009): 514-525 (Clemens Breisinger, Xinshen Diao, and James Thurlow)
42. Toward a green revolution in Africa: what would it achieve, and what would it require? *Agricultural Economics* 39-s1 (2008): 539–550 (Xinshen Diao, Derek Headey, and Michael Johnson)
41. Impacts of considering climate variability on investment decisions in Ethiopia, *Agricultural Economics* 39 (2008): 171–181 (Paul J. Block, Kenneth Strzepek, Mark W. Rosegrant, Xinshen Diao)
40. Exploring Growth Linkages and Market Opportunities for Agriculture in South Africa, *Journal of Economic Integration* 23(1): 104-137, March 2008. (Alejandro Nin Pratt and Xinshen Diao).
39. A General Equilibrium Analysis of Conjunctive Ground and Surface Water Use with an Application to Morocco, *Agricultural Economics* 38(2008): 117-135 (Xinshen Diao, Ariel Dinar, Terry Roe, and Yacov Tsur)
38. Demand Constraints on Agricultural Growth in East and Southern Africa: A General Equilibrium Analysis, *Development Policy Review* 25(3): 275-292 (May 2007) (Xinshen Diao and Paul Dorosh)
37. Assessing the Potential Impact of Avian Influenza on Poultry in West Africa – A Spatial Equilibrium Analysis, *Journal of Agricultural Economics* 58(2): 348-367 (2007) (Liangzhi You and Xinshen Diao)
36. “Growth Options and Poverty Reduction in Ethiopia - An Economy-Wide Model Analysis,” *Food Policy* 32(2), April 2007: 205-228. (Xinshen Diao and Alejandro Nin Pratt)
35. “Leveraging Regional Growth Dynamics in African Agriculture,” *African Journal of Agricultural and Resource Economics* (1): 49-66 (December 2006). (Awudu Abdula, Michael Johnson and Xinshen Diao)
34. “Globalization: Welfare Distribution and Costs among Developed and Developing Countries,” *Review of Agricultural Economics* 28(3), Fall 2006: 399-407 (Terry Roe, Agapi Somwaru, and Xinshen Diao)

33. "Learning by exporting and structural change: A Ramsey growth model for Thailand," *Journal of Policy Modeling* 28(2006): 293-306 (Xinshen Diao, Jørn Rattsø and Hildegunn E. Stokke)
32. "Exploring market opportunities for African smallholders," [reprint of 2020 Africa Conference Brief 6 / Issue brief 22] *Currents* 39(2006): 34-37. (Xinshen Diao and Peter Hazell)
31. "Feedback Links between Economy-Wide and Farm-Level Policies: with Application to Irrigation Water Management in Morocco," *Journal of Policy Modeling* 27(2005): 905-928. (Terry Roe, Ariel Dinar, Yacov Tsur and Xinshen Diao)
30. "International Spillovers, Productivity Growth and Openness in Thailand: An Intertemporal General Equilibrium Model Analysis," *Journal of Development Economics* 76 (2005): 429-450. (Xinshen Diao, Jørn Rattsø, and Hildegunn E. Stokke)
29. "Economy-Wide Benefits from Establishing Water User-Right Markets in a Spatially Heterogeneous Agricultural Economy," *Environment and Development Economics* 10 (2005): 249-269. (Xinshen Diao, Terry Roe and Rachid Doukkali)
28. "Capital Accumulation and Economic Growth: the Case of the Retail Food Industry in Developing Countries," *American Journal of Agricultural Economics* 86(3): 784-790 (August 2004) (Terry Roe and Xinshen Diao)
27. "Scenarios for Trade Integration in the Americas," *Economie Internationale* 94-95(Issues 2-3):33-51, 2003 (France) and *Integration and trade* No. 17, 2004 (U.S., Inter-American Development Bank). (Xinshen Diao, Eugenio Diaz-Bonilla and Sherman Robinson)
26. "Regional and National Perspectives of China's Integration into the WTO: A CGE Inquiry with Emphasis on the Agricultural Sector," *Review of Urban & Regional Development Studies* 15(2): 84-105 July 2003. (Xinshen Diao, Agapi Somwaru and Francis Tuan)
25. "China's WTO Accession: Impacts on Regional Agricultural Income - A Multi-Region, General Equilibrium Analysis," *Journal of Comparative Economics* 31(2): 332-351, 2003. (Xinshen Diao, Shenggen Fan and Xiaobo Zhang)
24. "Can a Water Market Avert the 'Double Whammy' of Trade Reform and Lead to a 'Win-Win' Outcome?" *Journal of Environmental Economics and Management* 45(2003): 708-723. (Xinshen Diao and Terry Roe)
23. "Decoupled Payments, Household Income Transfers in Contemporary U.S. Agriculture," *Agricultural Economic Report* No. 822, USDA/ERS, February 2003 (one of the contributors).

22. "A Global Perspective of Liberalizing World Textile and Apparel Trade," *Nordic Journal of Political Economy* 28(2), 127-146, 2002. (Xinshen Diao and Agapi Somwaru)
21. "On the Differential Impact of the Asian Crisis on the World Economy: A General Equilibrium Perspective," *Pacific Economic Review* 7(3), October 2002. (Xinshen Diao, Wenli Li and Erinc Yeldan)
20. "Developing Country Interests in Agricultural Reforms under the World Trade Organization," *American Journal of Agricultural Economics* 84(3), August 2002, 782-90 (Xinshen Diao, Terry Roe and Agapi Somwaru).
19. "Structural Change and Agricultural Protection: the Costs of Korean Agricultural Policy 1975 and 1990," Agriculture Economic Reports #808, U.S. Department of Agriculture, Economic research Service, 2002. (Dyck)
18. "China's WTO Accession: Conflicts with Domestic Agricultural Policies and Institutions," *The Estey Center Journal of International Law and Trade Policy* 2(1): 190-210, 2001. (Xinshen Diao, Hunter Colby and Francis Tuan)
17. "What is the Cause of Growth in Regional Trade: Trade Liberalization or RTAs? The Case of Agriculture," *The World Economy* 24(1): 51-79, January 2001. (Xinshen Diao, Terry Roe and Agapi Somwaru)
16. "A Dynamic Evaluation of the Effects of a Free Trade Area of the Americas -- An Intertemporal, Global General Equilibrium Model," *Journal of Regional Integration* 16(1): 21-47, March 2001. (Xinshen Diao and Agapi Somwaru)
15. "How the Financial Crisis Affected World Agriculture: A General Equilibrium Perspective," *American Journal of Agricultural Economics* 82(3): 688-694, 2000. (Xinshen Diao and Terry Roe)
14. "An Inquiry on General Equilibrium Effects of MERCOSUR -- An Intertemporal World Model," *Journal of Policy Modeling* 22(5): 557-588, September 2000. (Xinshen Diao and Agapi Somwaru)
13. "Water, Externality and strategic interdependence: A General Equilibrium Analysis," *Journal of International Development* 12(2): 149-167, 2000. (Xinshen Diao and Terry Roe)
12. "Liberalizing Services Trade in APEC: A General Equilibrium Analysis with Imperfect Competition," *Pacific Economic Review* 5(1): 49-75, 2000. (Nancy Benjamin and Xinshen Diao)

11. "How the Asian Crisis Affected the World Economy: A General Equilibrium Perspective," *Economic Quarterly* 86(2): 35-59, Spring, 2000, Federal Reserve Bank of Richmond. (Xinshen Diao, Wenli Li and Erinc Yeldan)
10. "Cross-Commodity Analysis of China's Grain Sector: Sources of Growth and Supply Response," Technical Bulletin No. 1884, U.S. Department of Agriculture, Economic research Service, 2000. (Colby and Somwaru)
9. "Strategic Policies and Growth: An Applied Model of R&D-Driven Endogenous Growth," *Journal of Development Economics*, 60 (1999): 343-380. (Xinshen Diao, Terry Roe and Erinc Yeldan)
8. "How Fiscal Mismanagement May Impede Trade Reform: Lessons from an Intertemporal, Multi-Sector General Equilibrium Model for Turkey," *Developing Economies* 37(1) March 1999. (Xinshen Diao, Erinc Yeldan and Terry Roe).
7. "MERCOSUR and US: An Intertemporal General Equilibrium Evaluation of Regional Integration," *International Economic Journal* 13(1): 27-43, 1999. (Xinshen Diao and Agapi Somwaru)
6. "An Endogenous Growth CGE Model of the Japanese Economy: The Implications of Trade and R&D Promoting Policy," *METU Studies in Development* 25(1): 13-46, 1998. (Xinshen Diao, Terry Roe and Erinc Yeldan)
5. "A Simply Dynamic Applied General Equilibrium Model of a Small Open Economy: Transitional Dynamics and Trade Policy," *Journal of Economic Development* 23(1): 77-101, 1998. (Xinshen Diao and Erinc Yeldan)
4. "Fiscal Debt Management, Accumulation and Transitional Dynamics in a CGE Model for Turkey," *Canadian Journal of Development Studies* XIX(2): 343-376, 1998. (Xinshen Diao and Erinc Yeldan)
3. "On the Construction of an Intertemporal World Model of Growth, Accumulation and Trade," *METU Studies in Development* 24(4): 447-482, 1997. (Xinshen Diao and Erinc Yeldan)
2. "Intertemporal General Equilibrium Effects of a Regional Trade Agreement on Third-Country," *Economi Internazionale*, Vol. L(3):375-404, August 1997. (Xinshen Diao and Agapi Somwaru)
1. "Embodied Pollution and Trade: A Two-Country General Equilibrium Model," *Journal of Economic Development* 22(1), 1997. (Xinshen Diao and Terry Roe)

PUBLICATIONS: CHAPTERS IN EDITED BOOKS

49. "The recent growth boom in developing economies: the role of services," a chapter in Bernard Hoekman and Dirk Willem te Velde (eds.) *Trade in Services and Economic Transformation – A New Development Policy Priority*, February 2017. (Xinshen Diao, Margaret McMillan and Dani Rodrik)
48. "The Role of Foreign Aid in the Fast-Growing Rwandan Economy: Assessing Growth Alternatives," A chapter in Evelyn F. Wamboye and Esubalew A. Tiruneh (eds.) *Foreign Capital Flows and Economic Development in Africa: BRICS' versus OECD's Impact*, published by Palgrave McMillan Publisher, 2017. (Xinshen Diao)
47. "Economywide Effects and Implications of Alternative Policies," Chapter 8 in K. Gyimah-Brempong, M. Johnson, and H. Takeshima (eds.) *Transforming the Nigerian Rice Economy: Opportunities and Policy Challenges*, 2016. (Xinshen Diao, Michael Johnson, and Hiroyuki Takeshima)
46. "Modeling the regional Impacts of an Irrigation Project in Tanzania," in J. Edward Taylor and Mateusz J. Filipiński *Beyond Experiments in Development Economics*, Chapter 11:226-249, UK: Oxford University Press, 2014. (J. Edward Taylor, Mateusz J. Filipiński, Dale Manning, Xinshen Diao, and Angga Pradesha)
45. "African agriculture and development," in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 1:1-7, Washington DC: International Food Policy Research Institute, 2012. (Joanna Brzeska, Xinshen Diao, Shenggen Fan and James Thurlow)
44. "A recursive dynamic computable general equilibrium model," in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 2:8-50, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao and James Thurlow)
43. "Ethiopia," in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 5:107-140, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao, Alemayehu Seyoum Taffesse, Paul Dorosh, James Thurlow, Alejandro Nin Pratt and Bingxin Yu)
42. "Ghana," in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 6:141-164, Washington DC: International Food Policy Research Institute, 2012. (Clemens Bresinger, Xinshen Diao, James Thurlow, Samuel Benin and Shashidhara Kolavalli)

41. “Rwanda,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 7:165-210, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao, Shenggen Fan, Sam Kanyarykiga and Bingxin Yu)
40. “Nigeria,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 8:211-244, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao, Manson Nwafor, Vida Alpuerto, Kamiljon T. Akramov, Valerie Rhoe and Sheu Salau)
39. “Malawi,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 9:245-280, Washington DC: International Food Policy Research Institute, 2012. (Samuel Benin, James Thurlow, Xinshen Diao, Christen McCool and Franklin Simtowe)
38. “Uganda,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 10:281-316, Washington DC: International Food Policy Research Institute, 2012. (Samuel Benin, James Thurlow, Xinshen Diao, Allen Kebba and Nelson Ofwono)
37. “Zambia,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 11:317-348, Washington DC: International Food Policy Research Institute, 2012. (James Thurlow, Samuel Benin, Xinshen Diao, Herietta Kalinda and Thomson Kalinda)
36. “Lessons learned and remaining challenges,” in Xinshen Diao, James Thurlow, Samuel Benin, and Shenggen Fan (eds.) *Strategies and Priorities for African Agriculture – Economywide Perspectives from Country Studies*, Chapter 14:399-414, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao and James Thurlow)
35. “Assessing agricultural potential in South Sudan – A spatial analysis method,” in Bhuiyan Monwar Alam (ed.) *Geographic Information Systems*, Chapter 8:139-152, Washington DC: International Food Policy Research Institute, 2012. (Xinshen Diao, Liangzhi You, Vida Alpuerto and Renato Folledo)
34. “The role of agriculture in African economic development: What do we disagree on?” in Jacquet, Pierre, Rajendra K. Pachauri, Laurence Tubiana (eds.) *A Planet for Life: Towards Agricultural Change?* Chapter 4:77-86, Paris: AFD, IDDRI, TERI, 2012. (Xinshen Diao, Elizabeth Robinson, Shashidhara Kolavalli and Vida Alpuerto)

33. “China’s WTO accession: impact on regional agricultural income – a multi-region, general equilibrium analysis,” in Shenggen Fan, Ravi Kanbur and Xiaobo Zhang (eds.) *Regional Inequality in China – Trends, Explanations and Policy Responses*, Chapter 9, 146 – 162, London and New York: Routledge Taylor & Francis Group, 2009. (Xinshen Diao, Shenggen Fan and Xiaobo Zhang)
32. “Agricultural Growth and Investment Options for Poverty Reduction in Rwanda,” in Louis B. Veritta, Louis (ed.) *Poverty Alleviation: 21st Century Issues and Challenges*, ISBN: 978-1-60456-034-3, nova publishers, 2008. (Xinshen Diao, Shenggen Fan, Sam Kanyarukiga and Bingxin Yu)□
31. “Reducing regional disparities in growth and poverty reduction in Ghana: policy options and public investment implications,” in Lei, Zhang and Shenggen Fan (editors) *Poverty Reduction Strategy in the New Millennium, Emerging Issues, Experiences and Lessons*, p221-249, published by China Financial Economic Press, September 2007 (in both English and Chinese) (Al-Hassan Ramatu and Xinshen Diao).
30. *Agriculture and Achieving the Millennium Development Goals*, Report No. 32729-GLB. The World Bank and International Food Policy Research Institute, 2006 (Xinshen Diao is one of eight authors from IFPRI)
29. “Regional and National Perspectives of China’s Integration into the WTO: A CGE Inquiry with Emphasis on the Agricultural Sector,” in Doi, Masayuki (ed.) *Computable General Equilibrium Approaches in Urban and Regional Policy Studies*, Chapter 13: 269-296, New Jersey, U.S.A. and London, England: World Scientific Publishing Co. Pte. Ltd. 2006. (Xinshen Diao, Agapi Somwaru and Francis Tuan)
28. “Thinking inside the Boxes: Protection and Investments in the Development and Food Security Boxes Versus Investments in the Green Box.” In E. Diaz-Bonilla, S.E. Fransen and S. Robinson (eds.) *WTO Negotiations and Agricultural Trade Liberalization: The Effect of Developed Countries’ Policies on Developing Countries*, p207-234, Wallingford, UK: CABI Publishing, 2006. (Eugenio Diaz-Bonilla, Xinshen Diao, and Sherman Robinson)
27. “Agricultural Policy Developments after China’s Accession to the WTO,” in Fung, Hung-Gay, Changhong Pei, and Kevin H. Zhang, Armonk (eds.) *China and the Challenge of Economic Globalization*, p253-272, New York and London, England: M.E. Sharpe, An East Gate Book, 2006. (Francis Tuan, Agapi Somwaru and Xinshen Diao)
26. “The Role of Agriculture and Small Farms in Economic Development,” in Proceedings of a Research Workshop “The Future of Small Farms” Wye, UK, June 26-29, 2005, published by International Food Policy Research Institute, Washington DC. (Peter Hazell and Xinshen Diao)

25. "The Global Impact of Agricultural Liberalization and Links to Economic Growth" in Pierre Rainelli (ed.) *Les Politiques Agricoles Sont-Elles Condamnees Par La Mondialisation?* (Are Agricultural Politics Doomed by Globalization? translation from French) Chapter 6, 195-224, Academia Bruylant, France, 2005. (Terry Roe, Xinshen Diao, and Agapi Somwaru)
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- “An Intertemporal, Multi-region General Equilibrium Model of Agricultural Trade Liberalization in the South Mediterranean NIC’s, Turkey, and the European Union,” TMD Discussion Paper No. 56, International Food Policy Research Institute, May 2000 (Bayar and Yeldan)

- “Sources of Growth and Supply Response: A Cross-Commodity Analysis of China’s Grain Sector,” St. Paul, MN: University of Minnesota, Economic Development Center, Bulletin 99-2, July 1999. (Colby and Somwaru)
- “Documentation and Use of DYNAGEM, a Dynamic Applied General Equilibrium Model,” Staff Paper, USDA publication, 1999.
- “What is the Cause of Growth in Regional Trade: Trade Liberalization or RTAs? The Case of Agriculture,” International Agricultural Trade Consortium Working Paper #99-1, ISSN1098-9218, January 1999. (Roe and Somwaru)
- “The Effects of Sequencing Trade and Water Market Reform on Interest Groups in Irrigated Agriculture: An Intertemporal Economic Analysis of the Moroccan Case,” St. Paul, MN: University of Minnesota, Economic Development Center, Bulletin 98-5, November 1998. (Roe)
- “Challenges and Choices in Post-Crisis East-Asia: Simulations of Investment Policy Reform in An Intertemporal, Global Model,” Working Paper 98-7, Federal Reserve Bank of Richmond, 1998. (Li and Yeldan)
- “How Fiscal (Mis)-Management May Impede Trade Reform: Lessons from an Intertemporal, Multi-Sector General Equilibrium Model for Turkey,” EDC Bulletin 98-1, Economic Development Center, University of Minnesota, January 1998. (Roe and Yeldan)
- “How Trade and R&D Promotion Policies Affect Economic Development: A General Equilibrium Analysis with Endogenous Growth,” Discussion Paper 97-9, Department of Economics, Bilkent University, Turkey, October, 1997. (Roe and Yeldan)
- “On the Construction of an Intertemporal World Model of Growth, Accumulation and Trade -- Transitional Dynamics, Calibration Strategy and Simulation Analysis,” Discussion Paper 97-7, Department of Economics, Bilkent University, Turkey, March 1997. (Yeldan)
- “Trade Creation and Trade Diversion under MERCOSUR: A Global Intertemporal General Equilibrium Analysis,” Staff paper P97-4, University of Minnesota, 1997. (Somwaru)
- “Dynamic Gains and Losses from Trade Reform: An Intertemporal General Equilibrium Model of US and MERCOSUR,” EDC Bulletin 96-3, Economic Development Center, University of Minnesota, October 1996. (Somwaru)
- “A Dynamic CGE Model: An Application of R&D-Base Endogenous Growth Theory,” DEC Bulletin 96-1, Economic Development Center, University of Minnesota, May 1996. (Elbasha, Roe and Yeldan)

“Environment, Welfare and Gains from Trade: A North-South Model In General Equilibrium,” EDC Bulletin 95-4, Economic Development Center, University of Minnesota, March 1995. (Roe)

PAPERS ACCEPTED, PRESENTED AT PROFESSIONAL CONFERENCES

“Agricultural Trade Barriers and the Role of Institutions in African Development,” Paper presented at the “Empirical Trade Analysis Conference,” Woodrow Wilson International Center for Scholars, 22-23 January 2004, Washington DC (Terry Roe, Agapi Somwaru, and Xinshen Diao)

“Capital Accumulation and Economic Growth” the Case of the Retail Food Industry in Developing Countries,” Paper prepared and presented at Invited Paper Session, Foreign Direct Investment, Trade, and Economic Growth of the ASSA Meetings, 3-5 January 2004, San Diego, CA (Terry Roe and Xinshen Diao).

“Softening the Impact of Adjustment to Reform: The China Experience,” Paper prepared for the Policy Reform and Adjustment Workshop Witherdane Hall, Imperial College London, Wye Campus, 23-25 October 2003 (Bryan Lohmar, Xinshen Diao, Agapi Somwaru, and Francis Tuan)

“Developing country aspects to trade policy analysis: Does one size fit all?” Presented at the conference “WTO: Competing policy issues and agendas for agricultural trade” organized by Farm Foundation and USDA/ERS, September 17, 2003. (with Terry Roe and Agapi Somwaru)

“Market opportunities for African agriculture: An examination of demand-side constraints on agricultural growth,” Presented at IAAE meeting, Durban, South Africa, August 20, 2003.

“Economy-Wide Gains from Decentralized Water Allocation in a Spatially Heterogeneous Agricultural Economy,” paper presented at the international conference “Irrigation Water Policies: Micro and Macro Considerations,” June 15-17, 2002, Agadir, Morocco (with Terry Roe and Rachid Doukkali)

“Regional and National Perspectives of China’s Integration into the WTO: A Computable General Equilibrium Inquiry,” paper presented at the 5th Annual Conference on Global Economic Analysis, June 5-7, 2002, Taipei, Taiwan (Xinshen Diao, Sherman Robinson, Agapi Somwaru, and Francis Tuan)

“Technological Spillovers and Export-Led Growth: An Intertemporal CGE Model of Thailand,” presented at the IFPRI Workshop on Poverty, Trade and Tools for Development, June 3-4, 2002, IFPRI, Washington, DC.

- “Developing Country Interests in Agricultural Reforms under the World Trade Organization,” paper presented at the ASSA Meetings, January 7, 2002, Atlanta. (Roe and Somwaru).
- “International Spillovers, Productivity Growth and Openness in Thailand: An Intertemporal General Equilibrium Analysis,” presented at the workshop of “Thailand’s Growth Experience,” Bangkok, Thailand, March 2002 (Jørn Rattsø and Hildegunn Stokke).
- “General Equilibrium Analysis of Tobacco in the Four Developing Countries – China, Turkey, Malawi, and Zimbabwe,” paper presented at “International Meeting on Economic, social and Health Issues in Tobacco Control,” Organized by World Health Organization Center for Health Development, Kobe, Japan, December 3-4, 2001.
- “How China’s WTO Accession Affects the Less Developed Regions? A Multi-Region, General Equilibrium Analysis,” paper presented at the International Conference on Rural Investments, Growth and Poverty, November 5-6, 2001, Beijing, China. (Fan)
- “Ending the Multi-Fiber Arrangement: A Dynamic Computable General Equilibrium Analysis,” paper presented at the AAEA Annual Meetings, August 5-8, 2001, Chicago, Illinois. (MacDonald)
- “The Agreement on Textile and Clothing: Impact on China’s Cotton Industries in an Intertemporal, Global General Equilibrium Framework,” paper presented at the 2001 China International Cotton Conference, June 25-28, 2001, Guilin, China. (MacDonald)
- “China’s Employment and Rural Labor Market,” paper presented at the AAEA Annual Meetings, August 5-8, 2001, Chicago, Illinois. (Somwaru)
- “Impact of MFA Phase-Out on the World Economy – An Intertemporal, Global General Equilibrium Analysis,” paper presented at the 4th Annual Conference on Global Economic Analysis, June 27-29, 2001, Purdue University, West Lafayette, Indiana.
- “Global Analysis of Agricultural Reform in WTO Member Countries,” paper presented at the 4th Annual Conference on Global Economic Analysis, June 27-29, 2001, Bergen, Norway. (Somwaru and Roe)
- “Impact of MFA Phase-Out on the World Economy – An Intertemporal, Global General Equilibrium Analysis,” paper presented at the conference “Globalization and Marginalization”, June 9 – 11, 2001, Bergen, Norway.
- “Ending the Multi-fiber Arrangement: A Dynamic CGE Analysis,” paper presented at National Cotton Council of America, Belt-wide Cotton Conference, January 9 – 13, 2001, Anaheim, California. (MacDonald, Meyer and Somwaru).

- “Effects of the MFA Phase-out on the U.S. Cotton and Textile Market,” selected paper presented at AAEA meetings, July 30-August 3, 2000, Tampa, Florida. (Meyer, MacDonald and Somwaru)
- “The Dynamics of China’s Grain Sector: Sources of Growth and Supply Response,” selected paper presented at AAEA meetings, July 30-August 3, 2000 Tampa, Florida. (Colby and Somwaru)
- “How the Financial Crisis Affected World Agriculture,” Invited paper presented at the ASSA Meetings, January 8, 2000, Boston. (Roe)
- “Trade Liberalization and the U.S. Cotton Growth and Consumption,” selected paper presented at the Meetings of the Institute of Operation Research and the Management Scientist (INFORMS), November 7-10, 1999, Philadelphia. (Somwaru)
- “Can Reindustrialization of North Korea Support a Sustainable Food Supply?” selected paper presented at the Meetings of the Korea-America Economics Association, October 4-5, 1999, Washington, DC. (Lee and Dyck)
- “Costs of South Korea’s Agricultural Policy Choices -- A General Equilibrium Analysis,” selected paper presented at AAEA meetings, August 8-11, 1999, Nashville, Tennessee. (Dyck)
- “The Global and Economy-wide Impacts of China’s Current Proposed WTO Accession Agreement: A General Equilibrium Analysis with Imperfect Competition,” paper presented at the International Agricultural Trade Research Consortium, China’s Agricultural Trade and Policy, San Francisco, CA, June 25-26, 1999.
- “Sources of Growth in China’s Grain Output: A Cross-Commodity Analysis,” paper presented at the International Agricultural Trade Research Consortium, China’s Agricultural Trade and Policy, San Francisco, CA, June 25-26, 1999.
- “What is the Cause of Growth in Regional Trade: Trade Liberalization or RTAs? The Case of Agriculture,” paper presented at the 1999 Annual Meetings of the Allied Social Science Association, New York, AEA Session “The Economic Integration of the Western Hemisphere,” January 3 -5, 1999, New York. (Roe)
- “Challenges and Choices in Post-Crisis East-Asia: Simulation of Investment Policy Reform in an Intertemporal, Global Model,” selected paper presented at the 1999 Annual Meetings of the Allied Social Science Association, New York, the International Economics and Finance Society Session, January 3 -5, 1999, New York. (Li and Yeldan)
- “A Dynamic Evaluation of the Effects of Western Hemisphere Integration on the U.S. Economy,” the Theme Day presentation at the Meetings of the International Agricultural Trade Research Consortium, 13-15 December 1998, Florida. (Somwaru)

- “South Korea’s Agricultural Policy Choices and Their Consequences,” Presented at the Meetings of the International Agricultural Trade Research Consortium, 13-15 December 1998, Florida. (Dyck)
- “Turkey’s Strategic Trade Policy Alternatives in a World of Multi-Polar Trade Blocs: Lessons from an Intertemporal Multi-Regional General Equilibrium Model,” invited paper presented at “Regionalism in Europe: Geometries and Strategies after 2000,” A CEPR/Yrjo Johanssen Foundation/ZEI Conference, Bonn, November 6 -7, 1998. (Yeldan)
- “Trade Liberalization and Water User-Rights Market: A Dynamic General Equilibrium Analysis of the Moroccan Case,” invited paper presented at the World Bank Workshop “The Political Economy of Water Pricing Implementation,” November 10 - 12, 1998, Washington D.C. (Roe)
- “How a Free Trade Area of the Americas Affects U.S. Agriculture: A General Equilibrium Evaluation,” selected paper presented at the AAEA Annual Meetings, August 2 -5, 1998, Salt Lake City, Utah. (Somwaru)
- “A Dynamic Evaluation of the Effects of Western Hemisphere Integration on the U.S. Economy,” selected paper presented at the First International Conference on Global Trade Analysis, June 8 -10, 1998, Purdue University. (Somwaru)
- “A Dynamic Open Economy Model of R&D-Driven Endogenous Growth: The Case of Japan,” selected paper presented at the First International Conference on Global Trade Analysis, June 8-10, 1998, Purdue University. (Roe)
- “How Trade and R&D Promoting Policies Affect Economic Development: A General Equilibrium Analysis with Endogenous Growth,” selected paper for the International Conference on Using Dynamic Computable General Equilibrium Models for Policy Analysis, June 14-16, 1998, gl. Avernoes, Denmark. (Yeldan)
- “An Endogenous Growth CGE Model of Japanese Economy: The Implications of Trade Policy and R&D Promoting Policy,” invited paper presented at the First International Conference on Economics, September 18-20, 1997, METU, Ankara, Turkey.
- “Liberalizing Services Trade in APEC,” presented at the APEC Symposium: Evaluating APEC Trade Liberalization, Tariff and Nontariff Barriers, U.S. International Trade Commission, September 11-12 1997, Washington DC.
- “The Spillover Effects from MERCOSUR: A Global Dynamic General Equilibrium Analysis,” selected paper for the International Conference of Dynamics, Economic Growth and International Trade, July 22-23, 1997, Hong Kong. (Somwaru).

- “Trade Creation and Trade Diversion of MERCOSUR: A Global Intertemporal General Equilibrium Analysis,” selected paper for the Third International Conference of Society for Computational Economics, June, 1997, Stanford, CA. (Somwaru)
- “What Are Gains or Losses from Trade Liberalization: An Dynamic CGE Model of the United States and MERCOSUR,” selected paper presented at the AAEA Annual Meetings, July 28-31,1997, Toronto, Canada. (Somwaru)
- “The Development and Use of a Dynamic Computable General Equilibrium (D-CGE) Global Model in Evaluating Trade Reforms,” selected paper for the Annual Meetings of Institute For Operations Research and Management Sciences, May 4-7, 1997, San Diego, CA. (Somwaru)
- “Fiscal Debt Management, Accumulation and Transitional Dynamics in a CGE Model for Turkey,” presented at the Annual Meetings of American Economic Association, January 6, 1997, New Orleans. (Yeldan)
- “A Dynamic CGE Model of R&D Based Growth in the U.S. Economy: An Experiment Using New Growth Theory,” presented at the Annual Meeting of International Agricultural Trade Research Consortium, December 16, 1996, Washington, DC.
- “Embodied Pollution and Trade: A Two-Country General Equilibrium Model," selected paper presented at the AAEA Annual Meetings, August, 1995, Indianapolis, IN.
- “The Strategic Interdependence of a Shared Water Aquifer: A General Equilibrium Analysis," selected paper presented at the AAEA Annual Meetings, August, 1995, Indianapolis, IN.
- “The Analysis of Chinese Two-Tier Economy," presented at the Conference of China Reform, November 1988, Hong Kong.

AWARDS

University of Minnesota’s 2018 Distinguished Leadership Award for Internationals

2018 Outstanding Alumni Award from the University of Minnesota, Department of Applied Economics

Best Conference Paper award from the 2016 China Agricultural Economic Review (CAER) - IFPRI Annual Conference, held in Fuzhou, China for the paper "Economic Transformation in Africa from the Bottom Up: Macro and Micro Evidence from Tanzania" by Xinshen Diao, Josaphat Kweka, and Margaret McMillan

GTAP Research Fellow, 2007-2010, Center for Global Trade Analysis, Purdue University

TEACHING AND SERVICE

Lecture on Dynamic General Equilibrium Modeling, Department of Applied Economics, University of Minnesota, 1997 - 1999.

Service as a Reader on the graduate committee (Ph. D.), Department of Applied Economics, University of Minnesota, 1998 and 2000.

Service on Selected Paper Committee for 1998's Meetings of AAEA as a Topic Leader for all trade sessions.

Service as a manuscript reviewer for *World Development*, *Economic Modeling*, *International Economics Journal*, *American Journal of Agricultural Economics*, *Journal of Environmental Economics and Management*, and *Contemporary Economic Policy*.

RESEARCH IN PROGRESS

“Cities and Rural Transformation: A Spatial Analysis of Rural Youth Livelihoods in Ghana.”

Prepared as a chapter for Youth Employment book edited by Valerie and James, revised and resubmitted in 2016. (Xinshen Diao, Peixun Fang, Eduardo Magalhaes, Stefan Pahl and Jed Silver)

“Understanding the Role of Rural Nonfarm Enterprises in Tanzania’s Economic

Transformation.” Prepared as a chapter for Youth Employment book edited by Valerie and James, revised and resubmitted in 2017. (Xinshen Diao, Eduardo Magalhaes, Margaret McMillan)

“Chinese Investment in Africa: How Much Do We Know?” A paper manuscript in progress.

(Xinshen Diao, Margaret McMillan and Jed Silver)

“Demographic Transition and Economic Structural Change in China: Supply-side and Demand-

side Factors.” A paper manuscript in progress. (Xinshen Diao, Sherman Robison and Yumei Zhang)

Transformation Pathways for African Lions: The Case of Ghana. A book manuscript in progress.

(Xinshen Diao, Peter Hazell, Shashidhara and Kolavalli and Danielle Resnick)

Smallholder Agricultural Mechanization: The Role of Service Hiring Market in Developing

Countries. An edited book manuscript in progress. (Edited by Xinshen Diao, Hiro Takeshima and Xiaobo Zhang)