

Publications

Journal Articles

1. **DeLong, K.L.**, C. Trejo-Pech, and R. Johansson. 2025. “An Updated Evaluation of United States Department of Agriculture Sugar Production and Consumption Forecasts.” Accepted and Forthcoming. *Sugar Tech*. <https://doi.org/10.1007/s12355-025-01676-1>
2. **Muhammad, A.**, M.D. Hossen, and **K.L. DeLong**. 2025. “Analysis of Japanese Beef Imports: Exploring Source and Primal Differentiation and their Implications for Tariff Liberalization.” Accepted and Forthcoming. *Australian Journal of Agricultural and Resource Economics*. <https://doi.org/10.1111/1467-8489.70069>
3. Wei, Xiaohan, X. Chen, and **K.L. DeLong**. 2025. “Consumer Willingness to Pay for Organic, Transitional Organic, and Non-Genetically Modified Food Products: An Analysis of Familiar versus Unfamiliar Labels.” Accepted and Forthcoming. *Agribusiness: an International Journal*. <https://doi.org/10.1002/agr.22041>
4. Slater, C.G., **A. Muhammad**, **K.L. DeLong**. 2025. “Does Quality Matter? Examining the Influence of Product Quality and Source on Japanese Beef Imports.” *Journal of Agriculture and Food Research*, 21: 101857. <https://doi.org/10.1016/j.jafr.2025.101857>
5. Hagan, A.G., **K.L. DeLong**, A.P. Griffith, C.N. Boyer, C. Martinez, K.L. Jensen, and S.M. Schexnayder. 2025. “Feedlot Willingness to Pay for Genomic Tested Feeder Cattle.” *Journal of Extension*, 63(3): 1-9. <https://open.clemson.edu/joe/vol63/iss3/7>
6. Dahal, B., **K.L. DeLong**, **A. Muhammad**, M. Prince, R. Nisengwe, H.S. Goertz, and T. Gill. 2025. “Assessing Preferences for Broiler Chicken and Indigenous Chicken in Rwandan Restaurants: Implications for Sustainable Poultry Industry Development.” *International Food and Agribusiness Management Review*, 28(1): 74-92. <https://doi.org/10.22434/ifamr.1006>
7. Dahal, B.R., **K.L. DeLong**, S. Gao, C. Grebitus, and A. Muhammad. 2025. “Factors Affecting Chinese Consumers’ Beef Purchase Frequency.” *Agribusiness: an International Journal*, 41 (2): 521-543. <https://doi.org/10.1002/agr.21906>
8. Huseynov, S., C.N. Boyer, C.C. Martinez, **K.L. DeLong**, and A.P. Griffith. 2025. “The Role of Recency Bias and Price Salience in Insurance Take-Up Decision.” *Journal of Agricultural and Resource Economics*, 50(1): 21-38. <https://doi.org/10.22004/ag.econ.344679>
9. Velandia, M., C. Trejo-Pech, D. M. Butler, L. Chen, A. L. Wszelaki, **K. L. DeLong**, S. M. Schexnayder, and H. H. Shanto. 2025. “Tennessee Fruit and Vegetable Farmers' Willingness to Adopt Alley Cropping Systems.” *HortTechnology*, 35(2):166-176. <https://doi.org/10.21273/HORTTECH05582-24>
10. **Muhammad, A**, RJ Menard, & SA Smith (2025) “Tennessee and Kentucky Distilled Spirits: What’s at Stake from a New Trade War?” *Choices* 35(4).

11. Nzayiramy, S, **A Muhammad**, & A Baffoe-Bonnie (2025) “A Global Assessment of Food and Non-Food Spending: Evidence from 173 Countries and Implications for Food Security” *Agriculture & Food Security*. 14:20. <https://doi.org/10.1186/s40066-025-00538-z>
12. **Muhammad**, A, E Lopez Barrera, N Wilson (2025) “Global Food Demand: Overcoming Challenges to Healthy and Sustainable Diets” *Annual Review of Resource Economics*. <https://doi.org/10.1146/annurev-resource-112923-040421>
13. **Muhammad**, A (2025) “Trump Tariffs 2.0: Assessing the Impacts on U.S. Distilled Spirits Imports” *Agribusiness: An International Journal*. <https://doi.org/10.1002/agr.22034>
14. **Muhammad**, A, & MD Hossen (2025) “A Global Approach to Estimating Import Demand Elasticities: Insights from Major Agricultural Sectors” *Journal of the Agricultural and Applied Economics Association*. 4: 38–53. <https://doi.org/10.1002/jaa2.70001>
15. Hossen, MD, & **A Muhammad** (2025) “Assessing the Impacts of Maritime Freight Rates on Global Beef Trade” *Agribusiness: An International Journal*. <https://doi.org/10.1002/agr.22030>

Referred Electronic Publications

16. Deliberto, M., B. Hilbun, and **K.L. DeLong**. “Sugarbeet and Sugarcane Production and Farm Trends.” *Southern Ag Today*. June 25, 2025. <https://southernagtoday.org/2025/06/25/sugarbeet-and-sugarcane-production-and-farm-trends/>
17. Deliberto, M., and **K.L. DeLong**. 2025. “The 2025 Sugar Market Domestic Supply and Outlook.” *Southern Ag Today*. May 28, 2025. <https://southernagtoday.org/2025/05/21/the-2025-sugar-market-domestic-supply-and-outlook/>
18. **Muhammad**, A. Trade War Fallout: The Collapse of U.S. Spirit Exports to Canada in 2025. *Southern Ag Today* December 2025.
19. **Muhammad**, A. Recent Trade Tensions Cause U.S. Beef to Lose Ground in China, Spurs Gains for Australia and Brazil. *Southern Ag Today* October (2025).
20. **Muhammad**, A. China’s Agricultural Imports from U.S. and Brazil Decline in 2025 – But the U.S. Faces Sharper Losses. *Southern Ag Today* October (2025).
21. **Muhammad**, A. Outlook for U.S. Agricultural Trade in 2025: Exploring the Recent August Forecasts. *Southern Ag Today* September (2025).
22. **Muhammad**, A. U.S. Agriculture Could Face New Challenges with President Trump’s Proposed Tariffs on Japan and South Korea. *Southern Ag Today* July (2025).
23. **Muhammad**, A, RJ Menard, A Smith. Will a New Trade War Impact the Two Leading Distilled Spirits States? What’s at Stake for Tennessee and Kentucky Exports? *Southern Ag Today* May (2025).
24. **Muhammad**, A, & L Ribera. Tomato Trade Wars: How the Suspension Agreement with Mexico Shapes the U.S. Market. *Southern Ag Today* May (2025).
25. **Muhammad**, A, & MD Hossen. High Tariffs Could Halt U.S. Beef Exports to China. *Southern Ag Today* April (2025).
26. **Muhammad**, A. Rethinking Tariffs: Tequila Shows There’s More to Imports Than Competition. *Southern Ag Today* March (2025).

27. **Muhammad, A**, C Martinez, and MD Hossen. Market Showdown: U.S. Beef Faces New Challenges in Japan Amid Brazilian Reentry. *Southern Ag Today* March (2025).
28. Kessler, L.M., et al., & **A Muhammad**. *An Economic Report to the Governor of the State of Tennessee* 2025.
29. **Muhammad, A** & A Taylor “Why higher tariffs on Canadian lumber may not be enough to stimulate long-term investments in US forestry” *The Conversation*. October 15, 2025. <https://theconversation.com/why-higher-tariffs-on-canadian-lumber-may-not-be-enough-to-stimulate-long-term-investments-in-us-forestry-265713>
30. **Muhammad, A** & L Ribera “Tomato trade dispute between the US and Mexico is boiling over again – with 21% tariffs due in July” *The Conversation*. May 19, 2025. <https://theconversation.com/tomato-trade-dispute-between-the-us-and-mexico-is-boiling-over-again-with-21-tariffs-due-in-july-255813>
31. **Muhammad, A** “Trump’s tariffs on Canada and Mexico could spell trouble for distilled spirits” *The Conversation*. March 26, 2025. <https://theconversation.com/trumps-tariffs-on-canada-and-mexico-could-spell-trouble-for-distilled-spirits-251583>
32. **Muhammad, A** *Trade War 2.0: Implications for the U.S. Distilled Spirits Sector*. Policy Brief. Baker School Center for National Security and Foreign Affairs. March 2025. https://baker.utk.edu/wp-content/uploads/2025/03/Trade-War-2.0_Muhammad_March-2025_final.pdf

Publications

33. - Armen Khederlarian and Sandro Steinbach (2025). Pre-Trends and Trade Effects of Temporary Trade Barriers. *Canadian Journal of Economics*, forthcoming.
34. - Carlos Zurita and Sandro Steinbach (2025). 2025 U.S. Trade Policy Shifts and Agricultural Exports: Mapping Retaliation Exposure and Assessing Potential Market Access Offsets in the UK and Japan. *Choices*, 40(4), 29–38.
35. - Dongin Kim, Sandro Steinbach, and Carlos Zurita (2025). Virtual Water Trade and Economic Integration: The Role of Trade Agreements in Global Water Redistribution. *Applied Economic Perspectives and Policy*, 47(5), 1998–2018.
36. - Sylvanus Afesorgbor, Fabio Santeramo, and Sandro Steinbach (2025). Global Governance, Economic Sanctions, and Agricultural Trade in a Fragmenting World Economy. *The World Economy*, 48(10), 2290–2294.
37. - Stepan Gordeev, Jeremy Jelliffe, Dongin Kim, and Sandro Steinbach (2025). What Matters for Agricultural Trade? Assessing the Role of Trade Deal Provisions using Machine Learning. *Applied Economic Perspectives and Policy*, 47(4), 1469–1506.
38. - Sandro Steinbach and Carlos Zurita (2025). Assessing the Impact of the Trade Facilitation Agreement on Agri-Food Global Value Chain Integration. *The World Economy*, 48(9), 2128–2154.
39. - Sandro Steinbach and Xiting Zhuang (2025). Trade Implications of Ending China’s Zero-Covid Policy. *Asian Economics Letters*, 6(3), 11–22.

40. - Dongin Kim and Sandro Steinbach (2025). Is the WTO Passe? The Impact of Multilateral Economic Integration on Agri-Food Global Value Chains. *The World Economy*, 48(9), 2063–2081.
41. - Sandro Steinbach (2025). The Used Cooking Oil Dilemma: Feedstock Competitiveness, Certification Integrity, and U.S. Biofuel Policy. *Food Policy*, 134, 102907.
42. - Colin A. Carter, Sandro Steinbach, and Xiting Zhuang (2025). The 2021 Container Shipping Crisis and Its Consequences for U.S. Agricultural Exports. *Journal of Transport Economics and Policy*, 59(2), 110–136.
43. - Sandro Steinbach and Xiting Zhuang (2025). U.S. Agricultural Exports and the 2022 Mississippi River Drought. *Agribusiness*, 41(1), 289–303.
44. - Dongin Kim and Sandro Steinbach (2025). Rising Protectionism and Foreign Direct Investment. *Review of World Economics*, 161, 469–510.

Presentations

45. Gopalakrishnan B.N., M. Gopinath and K. Kumar*. 2026. “India-United States Agricultural Trade Under the America-First Agenda.” *Agribusiness*, forthcoming.
46. Liu, Y., M. Gopinath and J.R. Robinson. 2026. “Assessing the U.S. Cotton and Textile Industry Amid Two Rounds of U.S.–China Trade Tensions.” *Choices*, forthcoming.
47. Kulkarni*, A., Y. Wang*, M. Gopinath, D. Sobien, A. Rahman and F.A. Batarseh. 2025. “A Review of Cybersecurity Incidents in the Food and Agriculture Sector.” *Journal of Agriculture and Food Research*, Volume 23 (October): Article 102245.
48. Augustin*, J., M. Gopinath, B. Karali and Y. Rao. 2025. “Joint Prediction of U.S. Rice Yields and Methane Emissions: A Machine Learning Approach.” *IEEE Access*, Volume 13: 70018-43.
49. Cameron-Harp, M., N.B. Villoria, and J. Beckman. 2025. “GTAPShape: A flexible approach to spatially disaggregating national land endowments for CGE modeling.” *Journal of Global Economic Analysis* (Forthcoming).
50. Staples, A. J., & McCullough, M. (2025). Tariffs and U.S. beer demand: How protectionist policies could impact market shares and consumer welfare. *Food Policy*, 136, 102947. <https://doi.org/10.1016/j.foodpol.2025.102947>
51. Doebeling*, T., S. Ikeme*, and A.M. Countryman. 2025. “Tariff Troubles: Repercussions of Protectionist Policies on U.S. Agriculture and the Trade Deficit.” *The World Economy*. <https://doi.org/10.1111/twec.13731>
52. Cardenas, N.C., T.C. de Menezes, A.M. Countryman, F.P. N. Lopes, and G. Machado. 2025. “Integrating epidemiological and economic models to estimate the cost of simulated foot-and-mouth disease outbreaks in Brazil.” *Preventive Veterinary Medicine*. <https://doi.org/10.1016/j.prevetmed.2025.106558>
53. Wang, Z., and AM Countryman. 2025. “Island economies in the wake: Assessing increased shipping cost effects from carbon taxes on maritime trade.” *Resources, Conservation and Recycling* (219): 108325.

54. Thies, A.J., M. Holloway, B.A. Altmann, A.M. Countryman, C. Smith, and M.N. Nair. 2025. "Addressing retail meat waste: A focus group study on discolored beef." *Food and Humanity* (4):100639. <https://doi.org/10.1016/j.foohum.2025.100639>
55. Charlton, D., A.M. Countryman, D.T. Manning, and S. Ikeme*. 2025. "U.S. Employment Exposure to Domestic and Foreign Tariff Changes under NAFTA." *Applied Economic Perspectives and Policy*. <https://doi.org/10.1002/aepp.13503>
56. Bo Meng, Meng Li, Ankai Xu, & Sunghun Lim. "Toward Greener and More Secure Global Value Chains: Insights from Environmental Policy" (Invited manuscript for 2025 Global Value Chain Development Report). (Biennial flagship publication by the World Bank, WTO, OECD, ADB, and IDE-JETRO).
57. Gao, Guilhoto, Lim, Li, Meng, Tong, Uno, & Yamano (2025). "Inequitable Distribution of Heat Exposure Risks Driven by Trade," *Nature Communications*.
58. Atanu Ghoshray, Madhusudan Ghosh & Sunghun Lim (2025). "Weather Anomalies and Price Transmission in the Agricultural Supply Chain: Evidence from the Indian Onion Market," *Journal of Agricultural and Resource Economics*.
59. Sunghun Lim, Anh Nguyen & Wannaphong Durongkaveroj (2025). "Foreign Direct Investment and Structural Transformation," in Hal Hill and Daniel Suryadarma (eds.), *Pursuing Inclusive Economic Development in Asia: A Celebration of Peter McCawley*. Asian Development Bank Institute.
60. Sunghun Lim & Wisarut Suwanprasert (2025). "Post-Coup Sanctions and Thailand's Agricultural Trade," *The World Economy*.
61. (Policy/Extension Publications) Sunghun Lim (2025). "Toward a Resilient Food and Agriculture Future." In Timothy Brennan (ed.), *Farm Foundation Summit Report*. Farm Foundation, July 29, 2025.

Publications:

62. I. Sheldon and D.C.K. Chow, "The Future of Dispute Resolution in International (Agricultural) Trade?", *Applied Economic Perspectives and Policy*, 47(4) 2025.
63. D.C.K. Chow and I.M. Sheldon, "The Future of International Trade Dispute Resolution in a Post-WTO World", *Texas International Law Journal*, forthcoming.
64. D.C.K. Chow and I.M. Sheldon, "Trump 2.0 and the New Protectionism", *Michigan State Law Review*, forthcoming.
65. I.M. Sheldon, "Is There a Legal Basis for 'Liberation Day Tariffs?'" *AEDE Bulletin*, Q32025, August/September 2025.

66. I. Sheldon, "Recent 'Power-Based' Bargaining by the United States: Implications for the WTO and Global Trade Flows," *Foreign Trade Review*, forthcoming.
67. (Paper also presented as Keynote "US Power-Based Bargaining Redux: Implications for the WTO and Global Trade Flows", Research Seminar on Economics, Finance, and Development, DEEC, CUCEA, University of Guadalajara, Mexico.)
68. I. Sheldon, "Power-Based Bargaining Redux: Risks to Agricultural Exports and Global Governance of Trade," *Choices*, forthcoming.