
Dylan Turner

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EXPERIENCE

Senior Research Economist 2025 - Present
Research Assistant Professor
North Dakota State University, *Agricultural Risk Policy Center*

Research Economist 2021 - 2025
USDA Economic Research Service, *Market and Trade Economics Division*

EDUCATION

Ph.D., Agricultural and Applied Economics 2021
University of Georgia

B.S., Economics 2014
George Mason University

PEER REVIEWED JOURNAL ARTICLES

Tsiboe, F. and Turner, D. (2025). Incorporating Buy-up Price Loss Coverage into the U.S. Farm Safety Net. *Applied Economic Perspectives and Policy*. 47(5), 1869-1887.

Turner, D., Tsiboe, F., Bowman, M., and Rejesus, R. (2025). Crop insurance participation and cover crop use: Evidence from ARMS data. *Journal of Agricultural and Applied Economics*. 57(4), 545-562.

Tsiboe, F., Turner, D., Baldwin, K., Williams, B., Miller, M. and Dohlman, E. (2025). Risk Reduction Impacts of Crop Insurance Policies in the United States. *Applied Economic Perspectives and Policy*. 47(5), 1832-1847.

Tsiboe, F., Turner, D., and Yu, J. (2025). Utilizing Large-Scale Insurance Datasets to Calibrate Sub-County Level Crop Yields. *Journal of Risk and Insurance*. 92(1), 139-165.

Turner, D., Tsiboe, F., Biram, H., and Lawson, C. (2025). Actuarial Implications of Prevent Plant Coverage. *Applied Economic Perspectives and Policy*. 41(1), 394-415.

Turner, D. and Landry, C. (2024). Flood risk perceptions: accuracy, determinants, and the role of probability weighting. *Land Economics*. 100(2), 120722-0101R.

Tsiboe, F. and Turner, D. (2023). The crop insurance demand response to premium subsidies: Evidence from U.S. Agriculture. *Food Policy*. 119, August 2023, 102505

Tsiboe, F. and Turner, D. (2023). Econometric identification of crop insurance participation. *Agricultural and Resource Economics Review*. 52(3), 476 - 497.

Turner, D. and Tsiboe, F. (2022). The crop insurance demand response to the Wildfire and Hurricane Indemnity Program Plus. *Applied Economic Perspectives and Policy*, 44(3), 1273-1292

Landry, C., Turner, D., and Allen, T. (2021). Hedonic property prices and coastal beach width. *Applied Economic Perspectives and Policy*, 44(3), 1373-1392.

Landry, C., Anderson, S., Krasovskaia E., and Turner, D. (2021). Willingness to pay for multi-peril hazard insurance. *Land Economics*, 97(4), 072820-0115R1.

Landry, C., Petrolia, D., and Turner, D. (2021). Flood insurance market penetration and expectations of disaster assistance. *Environmental and Resource Economics*, 79, 357-386.

Landry, C., Bergstrom, J.C., Salazar, J., and Turner, D. (2021). How has the COVID-19 pandemic affected outdoor recreation in the U.S.? A revealed preference approach. *Applied Economic Perspectives and Policy*, 43(1), 443-457.

Landry, C. and Turner, D. (2020). Risk perceptions and flood insurance: Insights from homeowners on the Georgia Coast. *Sustainability*, 12(24), 10372.

Landry, C., Smith, T., and Turner, D. (2018). Food waste and food retail density. *Journal of Food Products Marketing*, 24(5), 632-653.

POLICY REPORTS

Turner, D., Tsiboe, F., Arita, S., Steinbach, S. Analysis of the U.S. Sugar Safety Net and Potential Sugar Beet Revenue Protection Program. ARPC Report, 2025-01. Agricultural Risk Policy Center, North Dakota State University, August 8th, 2025. <https://doi.org/10.22004/ag.econ.364764>

Baldwin, K., Williams, B., Turner, D., Tsiboe, F., Raszap Skorbiansky, S., Sichko, C., and Jones, J.W. U.S. Agricultural Policy Review, 2023. Economic Information Bulletin No. 285. U.S. Department of Agriculture, Economic Research Service, December 31, 2024.

Turner, D., Baldwin, K., Beckman, J., Nava, N., Tsiboe, F., and Vaiknoras, K. Potential Budgetary Impacts of Climate Change on the Pasture, Rangeland, and Forage Insurance Plan. Economic Brief No. 38. U.S. Department of Agriculture, Economic Research Service, December 5, 2024.

Baldwin K., Turner, D., and Tsiboe, F. Recent Developments in Ad Hoc Assistance Programs for Agricultural Producers. Economic Information Bulletin No. 278. U.S. Department of Agriculture, Economic Research Service, September 27, 2024.

Turner, D., Tsiboe, F., Baldwin K., Williams, B., Dohlmán, E., Astill, G., Raszap Skorbiansky, S., Abadam, V., Yeh, A., and Knight, R. Federal Programs for Agricultural Risk Management. Economic Information Bulletin No. 259. U.S. Department of Agriculture, Economic Research Service, December 19, 2023.

Baldwin, K., Williams, B., Sichko, C., Tsiboe, F., Toossi, S., Jones, J.W., Turner, D., and Raszap Skorbiansky, S. U.S. Agricultural Policy Review, 2022. Economic Information Bulletin No. 260. U.S. Department of Agriculture, Economic Research Service, November, 2023.

Baldwin, K., Williams, B., Tsiboe, F., Effland, A., Turner, D., Pratt, B., Jones, J.W., Toossi, S., and Hodges, L. U.S. Agricultural Policy Review, 2021. Economic Information Bulletin No. 254. U.S. Department of Agriculture, Economic Research Service, February 22, 2023.

Turner, D., Sowell, A.R., Swearingen, B., and Tsiboe, F. Factors Influencing Prevented Planting for Spring Wheat. Special Article in Wheat Outlook: September 2022, WHS-22i, U.S. Department of Agriculture, Economic Research Service, September 14, 2022.

WORKING PAPERS

Turner, D., Zhang, Y., Arita, S., and Steinbach, S. Unintended Consequences of Unprecedented Ad-Hoc Payments: How CFAP and MFP Affected U.S. Crop Insurance Participation. Working Paper, NDSU Agricultural Risk Policy Center.

Tsiboe, F., Turner, D., Aglasan, S., and Rejesus, R. Rate Revisions and Risk Transfer Incentives in Agricultural Insurance. Working Paper, NDSU Agricultural Risk Policy Center.

OTHER RESEARCH IN PROGRESS

- Participation and Interval Selection in Pasture, Rangeland, and Forage Insurance (with Kate Fuller, Francis Tsiboe).
- Yield Distribution Skewness and Actuarial Performance in Federal Crop Insurance. (with Francis Tsiboe, Jared Hutchins, Scott Gerlt).
- Reigning in Risk: The Impact of Time Series Length on PRF Index Insurance (with Francis Tsiboe, Walker Davis, and Lawson Connor).
- A Tale of Two Yields: Rate Yields, Approved Yields, and Actuarial Performance in Federal Crop Insurance (with Francis Tsiboe).
- Baseless Claims: Analyzing the Payment Discrepancy Between Base and Planted Acres (with Hongxi Zhao and Shawn Arita)

SOFTWARE

Turner, D. (2025) rfcip: Tools for accessing federal crop insurance data. Currently available as a beta version. <https://github.com/dylan-turner25/rfcip>.

Turner, D. (2025). rfsa: Access and analyze USDA Farm Service Agency program data. Available at: <https://github.com/dylan-turner25/rfsa>.

Turner, D. (2025). Agricultural Risk Policy Center Dashboard. Available at: <https://www.arpc-ndsu.com/dashboard>.

Turner, D. (2025). droughtmonitor: A python API wrapper for U.S. Drought Monitor. Available at: <https://pypi.org/project/droughtmonitor/>.

Turner, D. (2022). rfema: Access the openFEMA API. Available at: <https://docs.ropensci.org/rfema/>. (Peer reviewed by [rOpenSci](#).)

TEACHING

University of Georgia, Athens, GA

Instructor of Record: AAEC 2580E Applied Micro-economic Principles (Summer 2020)

Teaching Assistant: AAEC 6580 Microeconomic Theory and Applications (Fall 2018, 2019, 2020)

Teaching Assistant: AAEC 4730 World Food Economy (Spring 2018)

Teaching Assistant: AAEC 3010 Farm Organization and Management (Spring 2017)

PROGRAMMING AND TECHNICAL SKILLS

Bayesian Econometrics (R, Stan, JAGS), **Regression Analysis** (R, Python, Stata), **Machine Learning** (R, Python), **Classification/Prediction** (R, Python), **GIS operations** (R), **Web Scraping/APIs** (R, Python), **Data Cleaning** (R, Python, Stata, SQL), **Data Visualization** (R, Shiny, Python, Stata), **Typesetting** (L^AT_EX, R Markdown), **R Package Development**, **Python Package Development**, **Version Control** (Git).