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# DYLAN TURNER

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## RESEARCH INTERESTS

Decision making under risk and uncertainty, insurance markets, environmental and natural resource economics, agricultural risk management.

## EXPERIENCE

**Research Economist** 2021 - Present  
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

Turner, D. and Landry, C. (2023). Flood risk perceptions: accuracy, determinants, and the role of probability weighting. *Land Economics*. Available Online.

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*, 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.

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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.

## WORKING PAPERS

Tsiboe, F. and Turner, D. (2024). Incorporating A Buy-up Price Loss Coverage into the U.S. Farm Safety Net. Working Paper, USDA Economic Research Service.

Turner, D., Tsiboe, F., Biram, H., and Lawson, C. (2024). Actuarial Implications of Prevent Plant Coverage. Working Paper, USDA Economic Research Service.

Tsiboe, F., Turner, D., Baldwin, K., Williams, B., Miller, M. and Dohlman, E. (2023). Risk Reduction Efficiency of Crop Insurance Policies in the United States. Working Paper, USDA Economic Research Service. **(Revise and Resubmit Requested at *Applied Economic Perspectives and Policy*)**

Tsiboe, F., Turner, D., and Yu, J. (2023). Utilizing Large-Scale Insurance Datasets to Calibrate Sub-County Level Crop Yields. Working Paper, USDA Economic Research Service.

Turner, D., Tsiboe, F., Bowman, M., and Rejesus, R. (2023). Crop insurance participation and cover crop use: Evidence from ARMS data. Working Paper, USDA Economic Research Service.

Turner, D. and Landry, C. (2021). Accounting for uncertainty in decision weights for experimental elicitation of risk preferences. SSRN Working Paper. Available at SSRN: <https://ssrn.com/abstract=3882694>.

## REPORTS AND OTHER ARTICLES

Turner, D., Tsiboe, F., Baldwin K., Williams, B., Dohlman, 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.

## OPEN SOURCE SOFTWARE

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

## REFEREE SERVICE

American Journal of Agricultural Economics (3), Nature Climate Change, Environmental and Resource Economics, Land Economics (3), Journal of Agricultural and Resource Economics, Journal of Risk and Insurance, Journal of Food Products Marketing, PLOS One, Applied Economics, Marine Resource Economics.

## FELLOWSHIPS AND AWARDS

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Rod Ziemer Outstanding Paper Award , 2020.

Humane Studies Fellowship, Institute for Humane Studies, (2019, 2020).

## **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), **Cloud Computing** (AWS), **Typesetting** (L<sup>A</sup>T<sub>E</sub>X, R Markdown), **R Package Development**, **Version Control** (Git).