

NOAH C. DORMADY

The Ohio State University
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PRIMARY ACADEMIC APPOINTMENTS	The Ohio State University John Glenn College of Public Affairs Associate Professor (w/tenure) Assistant Professor	2019- 2012-2019
	Chaffey College Department of Political Science Associate/Adjunct Faculty	2008
	Mt. San Jacinto College Department of Political Science Associate/Adjunct Faculty	2008
CONCURRENT APPOINTMENTS	Critical Infrastructure Resilience Institute (CIRI): A U.S. Dept. of Homeland Security National Center of Excellence Faculty Affiliate	2016-
	Center for Risk & Economic Analysis of Threats & Emergencies (CREATE): A U.S. Dept. of Homeland Security National Center of Excellence CREATE Fellow	2016-
	Battelle Center for Science, Engineering & Public Policy Affiliated Faculty	2012-2023
EDITORIAL APPOINTMENTS	<i>Natural Hazards Review</i> (ASCE) Associate Editor Guest Editor	2021- 2019-2021
	<i>Journal of Critical Infrastructure Policy</i> Associate Editor	2020-
	<i>Environmental Hazards</i> Editorial Board Member	2025-
DEGREES	University of Southern California (USC) Price School of Public Policy Ph.D., Public Policy, Planning & Development * <i>Henry Reining Jr. Award—Best Dissertation in Public Policy</i>	2012

University of California, Riverside
M.A., Political Science 2006
B.A., Political Science (Cum Laude) 2004

RESEARCH FIELDS Energy & Environmental Policy | Economic Resilience | Energy Markets | Emissions Markets | Cap & Trade | Deregulation | Auctions & Strategic Behavior | Economics of Disasters | Risk & Decision Analysis

RECENT GRANTS Alfred P. Sloan Foundation. 2022-2025. *Who Pays for Electrification & Resilience?: An Evaluation of the Equity, Justice & Efficiency Impacts of Retail Electric Deregulation*. \$499K. (PIs: Dormady, N., Lamadrid, A., & Shafieezadeh, A.)

National Science Foundation (NSF) & Japan Science and Technology Agency (JST). 2024-2026. *NSF-JST: Advanced Data and Methods to Improve Hazard Resilience for Underrepresented Groups: Minority- and Women-Owned Small and Mid-sized Businesses*. \$1.25M. (PIs: Dormady, N., Kajitani, Y., Tatano, H., Rose, A., Watson, M.)

Department of Energy (DOE). 2023-2024. *A People-Centered Decisions Support Tool for Enhancing Power Grid Resilience for the Navajo Nation*. \$1.1M. (PIs: Illafe, M., Shafieezadeh, A., Mohagheghi, S., & Dormady, N.)

Defense Advanced Research Projects Agency (DARPA). 2022-2026. *TA3: Forecasting Risk in Supply-Demand Networks (FRSN)*. \$(undisclosed)M. (Co-PI) (PI: Santini, J.)

Department of Energy (DOE). 2022-2027. *OSU-ENGIE Connected Community: Automated Building Control with Knowledge of Distributed Energy Resources and Electrical Systems for Grid Offerings*. \$4.2M. (Co-PI) (PI: Clark, J.)

National Science Foundation (NSF). 2020-2025. *NRT-HDR: Convergent Graduate Training and EmPOWERment for a Sustainable Energy Future*. \$2.98M. (Co-I) (PI: Sioshansi, R.)

Department of Homeland Security (DHS). 2020-2021. *Technology Transition: Business Resilience Calculator*. \$129K. (PIs: Rose, A., & Dormady, N.)

Department of Homeland Security (DHS). 2020. *Technology Transition: Business Resilience Calculator Covid-19 Supplement*. \$40K. (PIs: Rose, A., & Dormady, N.)

Department of Homeland Security (DHS). 2019. *Technology Transition: Business Resilience Calculator*. \$207K. (PIs: Rose, A., & Dormady, N.)

National Science Foundation (NSF). 2018-2019. *Research Experiences for Undergraduates (REU)*. \$8K. (PIs: Dormady, N.)

National Science Foundation (NSF). 2016-2019. *A Novel Dynamically-Coupled Storm Surge Hazard-Infrastructure Model for Effective Real-Time Risk-Informed Decision Making*. \$487K. (PIs: Shafieezadeh, A., Dormady, N., & Kubatko, E.)

Department of Homeland Security (DHS). 2017-2018. *Measuring Business & Economic Resilience in Disasters*. \$190K. (PIs: Rose, A., Dormady, N., & Rosoff, H.)

Department of Homeland Security (DHS). 2017-2018. *Resilience Governance for Infrastructure Dependencies & Interdependencies*. \$175K. (PIs: Flynn, S., Holdeman, E., Ruth, M., Stephens, J., Ellis, R., White, R., & Dormady, N.)

Department of Homeland Security (DHS). 2016-2018. *Analyzing & Measuring Economic Resilience to Disasters*. \$250K. (PIs: Rose, A., Dormady, N., & Rosoff, H.)

Department of Homeland Security (DHS). 2016-2017. *Resilience Governance*. \$400K. (PIs: Flynn, S., Ruth, M., & Dormady, N.)

Office of Energy & Environment, The Ohio State University. 2016-2017. *Energy & Water Infrastructure Planning Under Extreme Events*. Sustainable, Resilient Economy (SRE) Seed Grant. \$35K. (PIs: Bayraksan, G., Conejo Navarro, A., Sioshansi, R., Dormady, N., & Greenbaum, R.)

National Science Foundation (NSF). 2014-2017. *An Integrated Approach to Measuring Dynamic Economic Resilience Following Disasters*. \$493K. (PIs: Rose, A., Tierney, K., & Dormady, N.)

National Center for the Middle Market. 2014-2015. *An Experimental Analysis of Middle Market Resilience: Gender, Frequency & Information*. \$68K. (PIs: Dormady, N., & Greenbaum, R.)

OLDER RESEARCH
FUNDING SOURCES

John Randolph & Dora Haynes Foundation | The Southern Governors' Association | The Center for Climate Strategies | The Pennsylvania Department of Environmental Protection | The Next 10 Foundation | The University of Southern California | The University of California | U.S. Communications Agency | The RAND Corporation

PUBLICATIONS IN
PROGRESS

Choi, Y., & Dormady, N. *Can FICO Score Be Used To Predict Managerial Decision Making? Evidence From A Supply Chain Resilience Experiment*. Revise & Resubmit at International Journal of Production Economics.

Hoyt, M., Feasel, T., Dormady, N., & Welch, W. *Do You Trust EIA Data?: An Evaluation of Electricity Price Data Across Utilities in Ohio*.

Fox, S., Dormady, N., Lamadrid, A., Shafieezadeh, A., Hoyt, M., & Ji, Y. *Lessons for Residential Energy Survey Data Collection.*

Lamadrid, A., Dormady, N., Fox, S., Shafieezadeh, A., & Welch, W. *Price Competitiveness and Consumer Equity in Electric Municipal Aggregation.*

Dormady, N., Ji, Y., Shafieezadeh, A., Lamadrid, A., & Hoyt, M. *Economic Markups on Renewables: A Study of the Profit Margin on Renewable Retail Electricity Offers.*

Rose, A., Dormady, N., Tatano, H., Kajitani, Y., Watson, M. Liu, H., & Yoshida, M. *Baselines for Resilience Measurement and Their Role in Distinguishing Resilience from Recovery.*

Dormady, N., Osei-Ahenkan, V., Choi, Y., Yaluma, C. *Quantifying Resilience at the Level of the Household: Mapping Resilience to Multi-Attribute Household Utility Functions.*

Pesavento, M., Dormady, N., & Greenbaum, R. *The Moderating Effect of Expert Perception on Resilience Investment Decisions.*

PUBLICATIONS

Dormady, N., Roa-Henriquez, A., Hoyt, M., Pesavento, M., Koenig, G., Welch, W., & Li, Z. (2025). How Are Retail Prices Formed in Restructured Electricity Markets? *Energy Economics*, 143: 108243.

Dormady, N., Welch, W., Ji, Y., Pedron, S., Shafieezadeh, A., Lamadrid, A., Hoyt, M., & Fox, S. (2025). Efficiency and Consumer Welfare Under Retail Electricity Deregulation: Analysis of Ohio's Retail Choice Markets. *Journal of Critical Infrastructure Policy*, 6: e12031.

Dormady, N., Rose, A., Snider, C., & Roa-Henriquez, A. (2024). Cost-Effective Business Resilience Decision Making. *Oxford Research Encyclopedia of Natural Hazard Science.*

Watson, M., Brown, C., Handmer, J., Kroll, C., Wein, A., Helgeson, J., Rose, A., Dormady, N., & Kim, J. (2023). Methods and Lessons for Business Resilience and Recovery Surveys. *International Journal of Disaster Risk Reduction*, 93: 103743.

Dormady, N., Rose, A., Roa-Henriquez, A., & Morin, B. (2022). The Cost-Effectiveness of Economic Resilience. *International Journal of Production Economics*, 244: 108371.

Dormady, N., Fasano, A., Roa-Henriquez, A., Flanagan, D., Welch, W., & Wood, D. (2022). Informational Determinants of Large-area Hurricane Evacuations. *Bulletin of the American Meteorological Society*, 103(3): E642-E656. (Lead article)

- Dormady, N., Rose, A., & Morin, B. (2022). Advances in the Empirical Estimation of Disaster Resilience. In Skidmore, M. (Ed.). *Handbook on the Economics of Natural Disasters*. Cheltenham: Edward Elgar.
- Dormady, N., Greenbaum, R., & Young, K. (2021). An Experimental Investigation of Resilience Decision Making in Repeated Disasters. *Environment Systems & Decisions*, 41: 556-576.
- Dormady, N., Greenbaum, R., & Young, K. (2021). Value of Information on Resilience Decision Making in Repeated Disaster Environments. *Natural Hazards Review*, 22(1): 04020048.
* Editor's Choice Collection.
- Rose, A., & Dormady, N. (2021). Conceptual Foundations & Empirical Advances of Economic Resilience with Extensions to Complexity, Entropy & Spatial Dynamics. In Reggiani, A., Schintler, L.A., Czamanski, D., & Patuelli, R. (Eds.) *Handbook on Entropy, Complexity & Spatial Dynamics*. Cheltenham: Edward Elgar.
- Rahimi, M., Shafieezadeh, A., Wood, D., Kubatko, E.J., & Dormady, N. (2019). Bayesian Calibration of Multi-Response Systems via Multivariate Kriging: Methodology & Geological & Geotechnical Case Studies. *Engineering Geology*, 260(3): 105248.
- Dormady, N., Jones, D., Roe, B., & Rub, G. (2019). An Intersection of Privatization & Public Utility Regulation: The Ohio State University's Energy Concession Agreement & Private-Public Utility Theory. *Utilities Policy*, 59: 100929.
- Dormady, N., & Healy, P.J. (2019). The Consignment Mechanism in Carbon Markets: A Laboratory Investigation. *Journal of Commodity Markets*, 14: 51-65.
- Dormady, N., Hoyt, M., Roa-Henriquez, A., & Welch, W. (2019). Who Pays for Retail Electric Deregulation?: Evidence of Cross-Subsidization from Complete Bill Data. *The Energy Journal*, 40(2): 161-194.
- Dormady, N., Jiang, Z., & Hoyt, M. (2019). Do Markets Make Good Commissioners: A Quasi-Experimental Analysis of Retail Electric Restructuring in Ohio. *Journal of Public Policy*, 39(3): 483-515.
- Dormady, N., Roa-Henriquez, A., & Rose, A. (2019). Economic Resilience of the Firm: A Production Theory Approach. *International Journal of Production Economics*, 208: 446-460.
- Dormady, N. (2019). Auction Design Influences Efficiency: California's Consignment Mechanism in Perspective. *International Association of Energy Economics Energy Forum*.

- Dormady, N., Rose, A., Rosoff, H., & Roa-Henriquez, A. (2019). Estimating the Cost-Effectiveness of Resilience to Disasters: Survey Instrument Design & Refinement of Primary Data. In, Ruth, M., & Reisman, S.G. (Eds). *Handbook on Resilience of Socio-Technical Systems*. Cheltenham: Edward Elgar.
- Dormady, N., & Ellis, R. (2018). Energy-Transport Sector Interdependence in Extreme Events: The Case of a Hurricane Event in Boston. *Current Sustainable/Renewable Energy Reports*, Energy Markets Special Issue: 1-13.
- Rose, A., & Dormady, N. (2018). Advances in Analyzing & Measuring Dynamic Economic Resilience. In, Trump, B. D., Florin, M.V., & Linkov, I. (Eds.). *IRGC Resource Guide on Resilience (Vol. 2): Domains of Resilience for Complex Interconnected Systems*. Lausanne, CH: EPFL International Risk Governance Center (IRGC).
- Young, K., Greenbaum, R., & Dormady, N. (2017). Sex, Gender & Disasters: Experimental Evidence on the Decision to Invest in Resilience. *International Journal of Disaster Risk Reduction*, 24: 439-450.
- Dormady, N. (2017). Having Your Cake & Eating it, Too: Ohio's Proposals to Re-Regulate through Power Purchase Agreements. *The Electricity Journal*, 30(5): 42-46.
- Dormady, N. (2016). Carbon Auction Revenue & Market Power: An Experimental Analysis. *Energies*, 9(11): Article No. 897.
- Dormady, N., & Englander, A.G. (2016). Carbon Allowances & the Demand for Offsets: A Comprehensive Assessment of Imperfect Substitutes. *Journal of Public Policy*, 36(1): 139-167.
- Wei, D., Dormady, N., & Rose, A. (2015). Development of Reduced-Form Models to Evaluate Macroeconomic Impacts of Greenhouse Gas Mitigation. *Journal of Sustainable Energy Engineering*, 2(4): 377-397.
- Dormady, N. (2014). Carbon Auctions, Energy Markets & Market Power: An Experimental Analysis. *Energy Economics*, 44: 468-482.
- Dormady, N., Szelazek, T., & Rose, A. (2014). The Potential Impact of an Anthrax Attack on Real Estate Prices & Foreclosures in Seattle. *Risk Analysis*, 34(1): 187-201.
- Dormady, N. (2013). Market Power in Cap-and-Trade Auctions: A Monte Carlo Approach. *Energy Policy*, 62: 788-797.

Dormady, N. (2013). The Political Economy of Collaborative Organization. *Administration & Society*, 45(6): 748-772.

Rose, A., Wei, D., & Dormady, N. (2011). Macroeconomic Assessment of the Pennsylvania Climate Action Plan. *Regional Science Policy & Practice*, 3(4): 357-379.

*Winner: 2012 Economic Analysis Award, Regional Economic Models Inc. (REMI).

Rose, A., & Dormady, N. (2011). A Meta-Analysis of the Economic Impacts of Climate Change Policy in the United States. *The Energy Journal*, 32(2): 143-166.

PATENT

Dormady, N., Rose, A., Morin, B., Roa-Henriquez, A. (2022). *Business Resilience Decision Support Tool and Related Methods*. U.S. Patent No. 63/314,650. Filed February 28, 2022. Provisional patent.

EXPERT WITNESS
TESTIMONY & PRE-
FILED WRITTEN
TESTIMONY

Expert/Opinion Witness on Ohio's Energy Policy, Markets and Deregulation. Before the Southern District of Ohio. *United States v. Householder et al., Crim. Number 1:20-CR-77*. Cincinnati, Ohio, January 23, 2023.

Before the Public Utilities Commission of Ohio, Hearing on American Electric Power's (AEP's) Proposal to Enter into Renewable Energy Purchase Agreements for Inclusion in the Renewable Generation Rider (*Case No. 18-0501-EL-FOR*), Columbus, Ohio, February 6, 2019.

Before the Public Utilities Commission of Ohio, Pre-filed Written Direct Testimony on American Electric Power's (AEP's) Proposal to Enter into Renewable Energy Purchase Agreements for Inclusion in the Renewable Generation Rider (*Case No. 18-0501-EL-FOR*), Columbus, Ohio, January 25, 2019.

Before the Public Utilities Commission of Ohio, Pre-filed Written Direct Testimony on Dayton Power & Light Co.'s Electric Security Plan (*Case No. 16-0395-EL-SSO*), Columbus, Ohio, September 18, 2016.

Before the Public Utilities Commission of Ohio, Hearing on Ohio Power Company's Stipulation Agreement to Enter into an Affiliate Power Purchase Agreement (*Case No. 14-1693-EL-RDR*), Columbus, Ohio, January 8, 2016.

Before the Public Utilities Commission of Ohio, Pre-filed Written Direct Testimony on Ohio Power Company's Stipulation Agreement to Enter into an Affiliate Power Purchase Agreement (*Case No. 14-1693-EL-RDR*), Columbus, Ohio, December 28, 2015.

Before the Public Utilities Commission of Ohio, Hearing on Ohio Power Company's Application to Enter into an Affiliate Power Purchase Agreement (*Case No. 14-1693-EL-RDR*), Columbus, Ohio, October 2, 2015.

REPORTS & POLICY
BRIEFS

Before the Public Utilities Commission of Ohio, Pre-filed Written Direct Testimony on Ohio Power Company's Application to Enter into an Affiliate Power Purchase Agreement (*Case No. 14-1693-EL-RDR*), Columbus, Ohio, September 11, 2015.

Dormady, N., Ji, Y., Welch, W., Shafieezadeh, A., Lamadrid, A., Hoyt, M., & Fox, S. Finding A Black Cat in a Coal Cellar: Ohio State University Study of Ohio's Retail Electricity Markets Finds Majority of Retail Electric Supply Offers Have Not Been Cost Saving, Cost Saving Offers Difficult to Find. *John Glenn College of Public Affairs Policy Brief*. December 2024.

Rose, A., & Dormady, N. Analyzing the Role of Fairness of Israeli-Palestinian Land Swaps in the Two-State Solution. *U.S. Department of Defense MINERVA Research Initiative*. White Paper: May 31, 2024.

Chang, S.E., Brown, C., Dormady, N., Handmer, J., Kajitani, Y., Keating, A., Rose, A., Watson, M., Wein, A., & Yamano, N. Economic Recovery: Enabling Comparative Research on Covid-19. NSF-CONVERGE Covid-19 Working Groups for Public Health & Social Sciences Research. June 2020.

Dormady, N., Jiang, Z., & Hoyt, M. Why Ohio's Retail Electric Deregulation Has Been Bad for Households & Why Re-Regulation Would Be Even Worse. *John Glenn College of Public Affairs Policy Brief*. March 2017.

Rose, A., & Dormady, N. Israeli-Palestinian Land Swap Auction Model, Final Report. *RAND Intelligence Policy Center*. Santa Monica, CA. January 2014.

Roberto, C., & Dormady, N. The Costs of Inefficiency: Ignoring Ohio's Energy Efficiency Potential. *John Glenn School of Public Affairs Policy Brief*. March 2013.

Rose, A., & Dormady, N. Three-State Regression Analysis of the Macroeconomic Impacts of Climate Mitigation Options: Report to the State of Maryland. *The Center for Climate Strategies*. August 2011.

Rose, A., Szelazek, T., & Dormady, N. Economic Analysis of the Consequences of a Potential Anthrax Terrorist Attack in the Pacific Northwest: Business Income Losses & Real Estate Price Declines. *Center for Risk & the Economic Analysis of Terrorism Events (CREATE)*, University of Southern California. Final Report to the United States Department of Homeland Security. August 2011.

Rose, A., et al. Aggregate & Distributional Impacts of AB32 on the California Economy: Alternative Allocation Strategies for Cap & Trade. *The Next 10 Foundation*. December 2010.

Rose, A., et al. Impacts of Comprehensive Climate & Energy Policy Options on the U.S. Economy. *The Center for Climate Strategies*. July 2010.

Rose, A., & Dormady, N. Global Economic Impacts of an International Climate Change Treaty. *CENTRA Technologies National Security Impacts of a Prospective Climate Change Treaty Workshop*. Washington, D.C., 2010.

Rose, A., et al. Southern Regional Economic Assessment of Climate Policy Options & Review of Economic Studies of Climate Policy: A White Paper Report. Prepared for The Southern Governors' Association. *The Center for Climate Strategies*. October 2009.

INVITED TALKS &
EXPERT INTERVIEWS

- 2025: World Bosai Forum (Sendai Japan) | Defense Advanced Research Projects Agency (DARPA)
- 2024: Defense Advanced Research Projects Agency (DARPA) | Ohio State University John Glenn College of Public Affairs Colloquium | Ohio State University Energy Foundations Seminar | Ohio State University Office of Student Life
- 2023: US Department of Energy (DOE) | Defense Advanced Research Projects Agency (DARPA) | Institute for Catastrophic Loss Reduction (ICLR) | US Military Academy at West Point | WOSU (NPR)
- 2022: Sustainability & Security Forum, George Washington University | Challey Institute, North Dakota State University | Central Ohio Association of Government Accountants (AGA) | City of Norfolk, Virginia | Smart Electric Power Alliance
- 2021: US Department of Homeland Security Office of University Programs | Ohio State University Sustainability Institute (SI) | Ohio State University Knowlton School of City & Regional Planning | University of Washington Transportation & Power Systems Resilience Workshop
- 2020: Critical Infrastructure Resilience Institute (CIRI), University of Illinois, Urbana-Champaign | The Atlantic Council | US Department of Homeland Security Office of University Programs | Ohio Chamber of Commerce
- 2019: Critical Infrastructure Resilience Institute (CIRI), University of Illinois, Urbana-Champaign | Federal Emergency Management Agency (FEMA) | National Science Foundation (NSF) Grand Challenges Workshop, Purdue University | Frontiers in Resilience Symposium, George Mason University & Sandia National Laboratory
- 2018: John Glenn College of Public Affairs, Ohio State | Mount Carmel College (India) | Powering Tomorrow Workshop, Ohio State | Regional Science Academy, USC
- 2016: National Public Radio (NPR), All Sides with Ann Fisher | John Glenn School of Public Affairs, Dialogue Policy Forum | Compass Conference, Ohio State
- 2015: John Glenn School of Public Affairs, Dialogue Policy Forum | John Glenn School of Public Affairs, Ohio State | Knowlton School of Architecture, Ohio State
- 2014: Columbus Ohio Department of Public Health | John Glenn School of Public Affairs, Ohio State

2013: Battelle Center for Science & Technology Policy, Ohio State
2012: Department of Agricultural, Environmental & Development Economics (AEDE), Ohio State | John Glenn School of Public Affairs, Ohio State
2011: USC Center for Risk & the Economic Analysis of Terrorism Events (CREATE), USC
2010: School of Policy, Planning & Development (SPPD), USC | University of Meunster (Germany) | CENTRA Technology
2009: Freie University Berlin (Germany)

TEACHING FIELDS Energy Policy | Environmental Policy | Public Policy Analysis | Public Sector Economics | Risk & Decision Analysis | Graduate Capstone (Thesis)

TEACHING
(D) COURSE DEVELOPED
(T) COURSE TAUGHT
(R) COURSE REVISED

The Ohio State University
Graduate Courses:
Public Sector Economics & Applied Policy Analysis Capstone (PA 7920) (D, T)
Energy & Environmental Policy Capstone (PA 7910) (D, T)
Graduate Capstone Research Paper (PA 7900) (T)
Public Sector Economics (PA 6030) (T)
Risk & Decision Analysis (PA/CRP 5880) (D, T)
Risk & Decision Analysis (PA 5770) (Online) (D, T)
Environmental & Energy Policy (PA 5800) (D, T)

Undergraduate Courses:
Environmental & Energy Policy (PA 5800) (D, T)
Policy Evaluation (PA 4000) (D)
Public Policy Analysis (PA 3000) (D, T, R)

Chaffey College
Undergraduate Courses:
American Government (PolSci 1) (T)

Mt. San Jacinto College
Undergraduate Courses:
American Government (PolSci 100) (T)

GRADUATE ADVISING Yiseon Choi (2023-Present)
John Glenn College of Public Affairs
Now at: PhD Student Ohio State University

Victoria Osei-Ahenkan (2024-Present)
John Glenn College of Public Affairs
Now at: PhD Student Ohio State University

Blain Morin (2019-2023)
John Glenn College of Public Affairs
Now at: US Bureau of the Census

Matthew Pesavento (2019-2021)
John Glenn College of Public Affairs
Now at: Post-doc at Ohio State University

Javier Livio (2018-2020)
Auburn University Department of Computer Science
Now at: Private Industry

Alfredo Roa-Henriquez, Ph.D. (2016-2019)
John Glenn College of Public Affairs
Now at: North Dakota State University College of Business

Zhongnan Jiang (Ph.D. Candidate) (2016-2018)
John Glenn College of Public Affairs
Now at: Shanghai University

SOFTWARE

Business Resilience Calculator (BRC)

Utility: Decision support software application for business & government to support effective resilience planning & response.

Available at: www.resiliencecalculator.com

Ohio Electricity Bill Cross Subsidy Calculator. (in cooperation with the Ohio Center for Investigative Journalism & journalist Lucia Walinchus).

Utility: Interactive Tableau application for calculating cross subsidies on your Ohio Electric bill.

Pollution Permit Consignment Auction Human Experiment Software

Utility: Zurich Toolbox for Readymade Economics Experiments (Z-TREE) application for conducting Coasian auction market experiments utilizing a consignment mechanism.

Oligopsony 1.0

Utility: Windows-based (C# .NET 3.0) stochastic Monte Carlo simulation environment for simulating market power in uniform price auctions.

Simultaneous Energy-Emissions Market Experiment Software

Utility: Zurich Toolbox for Readymade Economics Experiments (Z-TREE) application for conducting energy-emissions market experiments, Control & Experimental Treatments.

AWARDS

Editors' Choice Award 2021
Natural Hazards Review, ASCE

Economic Analysis Award (National) (Inaugural Recipient) 2012
Regional Economic Models Inc. (REMI)

Henry Reining Jr. Award, Best Dissertation in Public Policy 2012
University of Southern California (USC)

Excellence in Publication Award
University of Southern California (USC)

2012

PEER REVIEW

Center External Reviewer
U.S. Department of Homeland Security National Center of Excellence—
Maritime Security Center

National Science Foundation Panelist
Environmental Sustainability | Strengthening American Infrastructure (SAI)

Journal and Book Peer-Referee

Bulletin of the American Meteorological Society (BAMS) | Canadian
Journal of Economics | Earthquake Spectra | Eastern European Economics
| J. of Critical Infrastructure Policy | J. of Economic Education | Economic
Modelling | Economics of Disasters & Climate Change | Energy
Economics | The Energy Journal | Energy Policy | International Journal of
Disaster Risk Reduction | International Journal of Production Economics |
Journal of Public Policy | Journal of Public Administration Research &
Theory | Natural Hazards Review | Oxford Press | Proceedings of the
National Academy of Sciences (PNAS) | Risk Analysis | Journal of Regional
Science | Norton Press | Science & Public Policy

MEDIA

ABC (WSYX) News (Television/Online)—Columbus, Ohio (2022)
Akron Beacon Journal (Print/Online)—Regional (2024)
Association of American Universities (Online)—National (2020)
Business First (Online)—Regional (2024)
Business Journal Daily (Online)—Regional (2025)
Cincinnati Enquirer (Print/Online)—Ohio (2024; 2022)
Cincinnati Public Radio (Radio)—Regional (2021)
Cleveland Plain Dealer (Print/Online)—Cleveland, Ohio (2023, 2022, 2017,
2015)
Cleveland Scene (Online)—Cleveland, Ohio (2025; 2021)
Columbus Business First (Print/Online)—Ohio (2025, 2024)
Columbus Dispatch (Print/Online)—Columbus, Ohio (2024*; 2022, 2021, 2015)
*Appearing on Front Page, Above the Fold (12/31/2024)
Crain's Cleveland Business (Print/Online)—National (2025; 2022, 2020)
Fox 28 Columbus (Television)—Ohio (2022)
Gannett News Service (Print/Online)—National (2018)
Govplan.com (Online)—National (2017)
Market Business News (Online)—Regional (2024)
Midwest Energy News (Online)—Midwest U.S. (2021, 2020, 2019, 2018, 2017,
2016)
NBC News (Online)—National (2023, 2014)
NBC (WCMH) News (Television)—Columbus, Ohio (2025; 2023, 2014)
Newark Advocate (Print/Online)—Ohio (2019)
NPR-WOSU (Radio/Online)—Ohio (2025, 2023, 2016)
NPR- WYSO (Radio/Online)—Ohio (2025; 2021)

Ohio Capital Journal (Online)—Ohio (2025)
 Ohio Citizen Action (Online)—Ohio (2017)
 Ohio Center for Investigative Journalism (Online)—Ohio (2020)
 Ohio State University News—Ohio (2024; 2022; 2021; 2020)
 Loveland Magazine—Ohio (2020)
 Market Business News (Online)—Regional (2024)
 MSN—National (2025)
 People’s Defender (Online)—National (2022)
 Press & Sun Bulletin (Print/Online)—New York State (2017)
 Public News Service (Radio)—National (2025)
 Science Daily (Online)—National (2021)
 Seattle PI (Print/Online)—Seattle, Washington (2013)
 Spectrum News (Television)—Ohio (2024, 2016)
 Springfield News Sun (Print/Online)—Regional (2024)
 S&P Global (Online)—National (2019, 2017)
 TBS eFM (Radio)—National (Korea) (2015)
 The Regulatory Review (Online)—National (2017)
 Toledo Legal News (Online)—Regional (2025)
 UtilityDive (Online)—National (2018, 2017)
 USA Today (Print/Online)—National (2024)
 Yahoo News (Online)—National (2025)

RADIO
DOCUMENTARIES

WOSU-NPR. Documentary Series on Ohio’s House Bill 6 and Associated Corruption Cases. The Power Grab: Market Manipulation. Host: Renee Fox. Original Air Date: December 4, 2023.

WOSU-NPR. Documentary Series on Ohio’s House Bill 6 and Associated Corruption Cases. The Power Grab: Dark Money. Host: Renee Fox. Original Air Date: November 27, 2023.

COMMITTEE SERVICE
& ADVISORY

Service to Ohio State University

1. Office of Post-Doctoral Affairs: Review Committee for President’s and Post-Doctoral Scholars (PPSP) Fellowship Program (2024)
2. Provost’s Sustainability Education Visioning Committee (2023-2024)
3. Sustainability Institute Exploratory Research Group (ERG) Co-Lead—Grid of the Future: Renewables & Storage (2021-2022)
4. Energy Innovation Center (EIC) Faculty Advisory Committee (2020-2022)
5. Sustainability Education Leadership Committee (SELC) (2019-Present)
6. Comprehensive Energy Management Faculty Advisory Committee (2014-2017)
7. Sustainability Curriculum Committee (2014-2016)

Service to John Glenn College of Public Affairs

1. Diversity, Equity & Inclusion Committee (2019-2021)
2. Undergraduate Policy Paper Award Committee (2020-2021)
3. Undergraduate Science, Engineering & Public Policy Minor Committee (2020-Present)

4. Budget & Strategic Planning (2018-2019; 2024-2025)
5. Graduate Studies/Curriculum Committee (2017-2019; 2021-2022)
6. Wellness Committee (2018-2019)
7. Rewards & Recognition Committee (2017-2018)
8. Robert Backoff Research Award Committee (2012-2016; 2018; 2024-2025)
9. Masters Examination Review Committee (2014; 2016-2017; 2018; 2022)
10. Glenn College Faculty Search Committee (2016-2017)
11. Curriculum Development Committee: Program Evaluation & Public Policy Analysis (2013)
12. (Ad hoc) Appointment, Promotion & Tenure (APT) Review (2014-2015)
13. School of Environment & Natural Resources Search Committee (2014-2015)
14. Discovery Themes Research Advisory Committee (2014-2015)

Student Club Advising

1. Advisor, OSU Hope Worldwide Club (2019-2023)