

Qing Miao

December, 2019

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EDUCATION

Syracuse University, Maxwell School of Citizenship and Public Affairs Syracuse, NY
Ph.D in Public Administration June, 2015

- Research Areas: Environmental Economics and Policy, Science and Technology Policy, Public Finance.
- Dissertation: Climate Change Adaptation, Natural Hazard Mitigation, and Innovative Responses. (*Best Doctoral Dissertation Fellowship awarded by Syracuse University*)

University of Michigan, Gerald R. Ford School of Public Policy Ann Arbor, MI
Master of Public Policy May 2009

Nanjing University Nanjing, China
Bachelor of Arts, Journalism June 2005

PROFESSIONAL EXPERIENCES

Department of Public Policy, Rochester Institute of Technology Rochester, NY
Assistant Professor of Public Policy August 2016-present

Center for Science, Technology, and Environmental Policy Studies Phoenix, AZ
School of Public Affairs, Arizona State University
Post-doctoral Scholar 2015-2016

Center for Policy Research, Syracuse University Syracuse, NY
Graduate Associate 2010 – 2015

AWARDS

NSF Award “An Integrated Framework for Analyzing Technology Subsidies.” (\$298,713, co-PI) 2019-2021

RIT College of Liberal Arts Faculty Development Grant March 2018

RIT Faculty Seed Grant March 2017

RIT College of Liberal Arts, Faculty Research Award December 2016

South Political Science Association Annual Conference Travel Grant November 2016

Best Doctoral Dissertation Prize, Syracuse University May 2016

Research Network for Sustainable Climate Risk Management (NSF-funded) August 2015

Summer Scholarship

Roscoe-Martin Award December 2014

Maxwell School Dissertation Fellowship, Syracuse University 2013-2014

Department Summer Research Award, Syracuse University 2011-2012

Graduate Associate Award, The Maxwell School, Syracuse University 2010-2014

Neil Staebler Fund for Political Education, University of Michigan 2008

Ford School Award, Ford School of Public Policy, University of Michigan 2007-2009

PEER-REVIEWED PUBLICATIONS

- Miao, Qing.**, Can Chen, Yi Lu, Michael Abrigo, “Natural Disasters and Financial Implications for Subnational Governments: Evidence from China,” *Public Finance Review*, 2020, 48(1) 72-101.
- Miao, Qing.**, “What affects government planning for climate change adaptation: Evidence from the US states.” *Environmental Policy and Governance*. 2019, <https://doi.org/10.1002/et.1866>
- Davlasheridze, Meri., and **Qing Miao**, “Does Federal Disaster Assistance Affect Private Protection Behavior: An Empirical Analysis of Household Purchase of Flood Insurance,” *Land Economics*, 2019, 95, 124-145.
- Miao, Qing.**, “Are We Adapting to Floods? Evidence from Global Flooding Fatalities.” *Risk Analysis*. 2018, <https://doi.org/10.1111/risa.13245>
- Miao, Qing.**, Eric Welch, and P.S. Sriraj, “Extreme Weather, Public Transport Ridership and Moderating Effect of Bus Stop Shelters”, *Journal of Transport Geography*, 2018, 74, 125-133.
- Miao, Qing.**, Eric Welch, Fengxiu Zhang, and P.S. Sriraj, “What drives public transit organizations in the United States to adapt to extreme weather events?” *Journal of Environmental Management*, 2018, 225, 252-260.
- Miao, Qing.**, Mary K. Feeney, Fengxiu Zhang, Eric Welch, P.S. Sriraj, “Through the storm: Transit agency management in response to climate change,” *Transportation Research Part D: Transport and Environment*, 2018, Volume 63, 421-432.
- Wang, Yiwei., and **Qing Miao**, “Implication of Replacing the Federal and State Fuel Taxes with a National Vehicle Miles Traveled (VMT) Tax,” *Transportation Research Records: Journal of the Transportation Research Board*, 2018. 2672(4), 32-42.
- Miao, Qing.**, “The Fiscal Implications of Managing Natural Disasters for National and Subnational Governments,” Oxford Research Encyclopedia of Natural Hazard Science, 2018. DOI: [10.1093/acrefore/9780199389407.013.194](https://doi.org/10.1093/acrefore/9780199389407.013.194)
- Zhang, Fengxiu., Eric Welch, and **Qing Miao**, “Public Organization Adaptation to Extreme Events: Mediating Role of Risk Perception,” *Journal of Public Administration Research and Theory*, 2018. 28(3), 371-387. <https://doi.org/10.1093/jopart/muy004>
- Miao, Qing.**, Yilin Hou, Michael Abrigo, “Measuring the Fiscal Shocks of Natural Disasters: A Panel Study of the U.S. States,” *National Tax Journal*, 2018, 71(1):11-44.
- Miao, Qing.**, “Technological Innovation, Social Learning and Natural Hazard Mitigation: Evidence on Earthquake Losses,” *Environment and Development Economics*, 2017, 22, 3, 249-273.
- Miao, Qing.**, and David Popp, “Necessity of the Mother of Invention: Innovative Responses to Natural Disasters,” *Journal of Environmental Economics and Management*, 2014, 68, 280-295.

COMPLETED WORKING/CONFERENCE PAPERS

- “The Impact of the CAFE Standards on Automobile Innovation in the US,” (with Yiwei Wang, revise and resubmit)

“Natural Disaster Mitigation and the Paradox of Fiscal Decentralization: Evidence from the United States,” (with Yu Shi and Meri Davlasheridze, revise and resubmit)

PAPERS IN PROGRESS

“The Impact of Natural Disasters on the Fiscal Health of American State Governments: A Panel Data Analysis,” (with Can Chen), *working paper won the William Petak Award at the 2018 ASPA Annual Conference.*

“Natural disasters, public housing, and the role of disaster aid,” (with Meri Davlasheridze)

“Does extreme weather affect public finance: A panel study of U.S. counties” (with Yilin Hou and Michael Abrigo)

REPORTS

Welch, E., **Miao, Q.**, Maynard-Moody, S., and Hurd, G. (2015). Evaluation and Assessment of the Kansas NSF EPSCoR Climate Change and Renewable Energy (KNE) Project: Year 5 Evaluation Report, draft prepared for the Kansas NSF EPSCoR Program for internal purposes.

Welch, E., **Miao, Q.**, and P.S. Sriraj. (2016). How Public Transit Agencies Tackle Extreme Weather Events: Evidence from a National Survey. Submitted to the Department of Transportation, Federal Transit Administration (funding agency)

CONFERENCE PRESENTATIONS

Association for Public Policy Analysis and Management Fall Research Conference, Denver, CO.
Presenter, panel co-organizer November, 2019

Association for Public Policy Analysis and Management Fall Research Conference, Washington, DC.
Presenter, panel co-organizer November, 2018

Association for Public Policy Analysis and Management Fall Research Conference, Chicago, IN.
Presenter, panel co-organizer, discussant. November, 2017

Association of Budgeting and Financial Management Annual Conference, Washington, DC.
September 2017

South Political Science Association Annual Conference, New Orleans, LA. January, 2017

Association for Public Policy Analysis and Management Fall Research Conference, Washington, DC.
Presenter, panel co-organizer, discussant. November, 2016

Association of Budgeting and Financial Management Annual Conference, Seattle, WA. October, 2016

5th Annual Association of Environmental and Resource Economists (AERE) Summer Conference,
Breckenridge, CO. June, 2016

Urban Affairs Association Annual Conference, San Diego, CA. March, 2016

Association for Public Policy Analysis and Management Fall Research Conference, Miami, FL.
 Presenter and panel co-organizer. November, 2015

The Northeast Agricultural and Resource Economics Association and the Canadian Agricultural
 Economics Society Joint Annual Meeting, New Port, RI. June, 2015

4th Annual Association of Environmental and Resource Economists (AERE) Summer Conference,
 San Diego, CA June, 2015

Annual Midwest Political Science Association Conference, Chicago, IL. April, 2015

American Society for Public Administration 2015 Annual Conference, Chicago, IL. March, 2015

Association for Public Policy Analysis and Management Fall Research Conference, Albuquerque,
 NM. Presenter and panel organizer November, 2014

International Research Committee on Disasters Researchers Meeting, Denver, Colorado, June, 2014

Meeting for the Program on Integrated Assessment Model Development, Diagnostics and Inter-Model
 Comparison (funded by the Department of Energy), Pennsylvania State University, May, 2012

INVITED TALKS

Arizona State University, AZ. February, 2016
 Rochester Institute of Technology, NY. February, 2016
 Central Michigan University, MI. November, 2015
 New York University, NY. February, 2015

TEACHING EXPERIENCE

Rochester Institute of Technology Rochester, NY
 ▪ Foundations of Public Policy 2016, 2017, 2018
 ▪ Technological Innovation and Public Policy 2017, 2018
 ▪ Graduate Policy Analysis 2017, 2018, 2019

Syracuse University Syracuse, NY
 ▪ Fundamentals of Policy Analysis (Executive MPA) 2014
 ▪ Public Budgeting (MPA) 2013
 ▪ Managerial Economics for Public Administrators (MPA) 2012

MEMBERSHIP

Association for Public Policy Analysis and Management; American Economic Association;
 Association of Environmental and Resource Economists; American Society for Public Administration.

PROFESSIONAL SERVICE

*Referee for: Environmental and Development Economics, Risk Analysis, Environmental Justice,
 International Journal of Disaster Risk Reduction, Public Budgeting and Finance.*

SKILLS

Languages: English (proficient), Chinese (native)
Computer Applications: STATA, ArcGIS, SAS, R, Sawtooth

REFERENCES

Professor David Popp
Department of Public Administration and International Affairs
The Maxwell School, Syracuse University
426 Eggers Hall
Syracuse, NY 13244
Phone: 315-443-2482
Email: dcpopp@maxwell.syr.edu

Professor Eric Welch
Professor, School of Public Affairs
Director, Center for Science, Technology and Environmental Policy Studies
Arizona State University
411 N. Central Ave
Phoenix, AZ 85004
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Professor Peter Wilcoxon
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