

Wesley Wehde

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Academic Positions:

Assistant Professor (tenure track), August 2019 – present
Public Administration Minor Coordinator, January 2020 - present
Department of Political Science, International Affairs, and Public Administration
East Tennessee State University, Johnson City, TN

Education:

Ph.D. in Political Science, 2019
University of Oklahoma, Norman, OK

- ◆ Fields: Public Policy, Public Administration, Research Methods
- ◆ Committee: Hank Jenkins Smith (chair), Carol Silva, Joseph Ripberger, Scott Robinson, and Edward Cokely (psychology)
- ◆ Dissertation: *From the Mundane to the Profound: Developing a Political Model of Weather Information Processing and Climate Change Beliefs*

M.A. in Political Science, 2017
University of Oklahoma, Norman, OK

B.A. in Economics and Public Affairs/Administration, 2014
University of Oklahoma, Norman, OK

Refereed Publications:

17. Scott Robinson, **Wesley Wehde**, and Jason Pudlo. “New Ecology of Public Safety Information: Drivers of Redistribution of Tornado Information.” Accepted at *Journal of Contingencies and Crisis Management*.
16. **Wesley Wehde**, Joseph T. Ripberger, Hank Jenkins-Smith, Benjamin A. Jones, Jinan N. Allan, and Carol L. Silva. 2021. “Public Willingness to Pay for Continuous and Probabilistic Hazard Information.” *Natural Hazards Review* 22(2), available at <https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29NH.1527-6996.0000444>
15. Elizabeth Bell, Ani Ter-Mkrtchyan, **Wesley Wehde**, Kylie Smith. “Just or Unjust? How Ideological Beliefs Shape Street-level Bureaucrats’ Perceptions of Administrative Burden.” *Early View at Public Administration Review*. <https://doi.org/10.1111/puar.13311>.
14. **Wesley Wehde** and Matthew Nowlin. “Public Attribution of Responsibility for Disaster Preparedness across Three Levels of Government and the Public: Lessons from a Survey of Residents of the U.S. South Atlantic and Gulf Coast.” *Early View at Publius: The Journal of Federalism*. <https://doi.org/10.1093/publius/pjaa037>

13. Jinan Allan, Joseph Ripberger, **Wesley Wehde**, Makenzie Krocak, Carol Silva, and Hank Jenkins-Smith. "Geographic Distributions of Extreme Weather Risk Perceptions in the United States." *Accepted for publication at Risk Analysis. Early view at* <https://doi.org/10.1111/risa.13569>.
12. Junghwa Choi, Scott Robinson, Romit Maulik, and **Wesley Wehde**. 2020. "What matters the most? Understanding individual tornado preparedness using machine learning." *Nat Hazards* **103**, 1183–1200. <https://doi-org/10.1007/s11069-020-04029-1>
11. Makenzie Krocak, Sean Ernst, Jinan Allan, **Wesley Wehde**, Joseph Ripberger, Carol Silva, and Hank Jenkins-Smith. 2020. "Thinking outside the polygon: a study of tornado warning perception outside of warning polygon bounds." *Natural Hazards*, 102: 1351–1368. <https://doi.org/10.1007/s11069-020-03970-5>.
10. Joseph Ripberger, Carol Silva, Hank Jenkins-Smith, Jinan Allan, Makenzie Krocak, **Wesley Wehde**, and Sean Ernst. 2020. "Exploring Community Differences in Tornado Warning Reception, Comprehension, and Response Across the United States." *Bulletin of the American Meteorological Society*, <https://doi.org/10.1175/BAMS-D-19-0064.1>
9. Junghwa Choi and **Wesley Wehde**. 2020. "Trust in Emergency Management Authorities and Individual Emergency Preparedness for Tornadoes." *Risk, Hazards & Crisis in Public Policy*, 11: 12-34. doi:[10.1002/rhc3.12185](https://doi.org/10.1002/rhc3.12185)
8. Elizabeth Bell, **Wesley Wehde**, and Madeleine Wiens-Stucky. 2020 "Supplement or Supplant? Estimating the Effect of State Lottery Earmarks on Higher Education Funding." *Education Finance and Policy*, 15.1: 136-163. https://doi.org/10.1162/edfp_a_00262.
7. Joseph Ripberger, Makenzie Krocak, **Wesley Wehde**, Jinan Allan, Carol Silva, and Hank Jenkins-Smith. 2019. "Measuring Tornado Warning Reception, Comprehension, and Response in the United States." *Weather, Climate, and Society*, 11.4: 863-880. <https://doi.org/10.1175/WCAS-D-19-0015.1>.
6. Junghwa Choi and **Wesley Wehde**. 2019. "Venue Preference and Earthquake Mitigation Policy: Expanding the Micro-Model of Policy Choice." *Review of Policy Research*, 36: 683-701. doi:[10.1111/ropr.12354](https://doi.org/10.1111/ropr.12354)
5. **Wesley Wehde**, Jason Pudlo, and Scott Robinson. 2019. "Is Anybody Out There?: Communication of Natural Hazard Warnings at Home and Away." *Social Science Quarterly* 100: 2607-2624. doi:[10.1111/ssqu.12641](https://doi.org/10.1111/ssqu.12641)
4. Deven Carlson, Joseph Ripberger, **Wesley Wehde**, Hank Jenkins-Smith, Carol Silva, Kuhika Gupta, Robert Berrens, and Benjamin Jones. 2019. "Benefit-Cost Analysis, Policy Impacts, and Congressional Hearings." *Journal of Benefit-Cost Analysis*, 10.1: 65-94. <https://doi.org/10.1017/bca.2018.28>

3. Scott Robinson, Jason Pudlo, and Wesley Wehde. 2019. "The New Ecology of Tornado Warning Information: A Natural Experiment Assessing Threat Intensity and Citizen-to-Citizen Information Sharing." *Public Administration Review*, 79: 905-916.
doi:[10.1111/puar.13030](https://doi.org/10.1111/puar.13030)
Included in Virtual Issue on Emergency Management in Public Administration (<https://tinyurl.com/y9mdep2b>) in March 2020.
2. Benjamin A. Jones, Robert P. Berrens, Hank Jenkins-Smith, Carol Silva, Joe Ripberger, Deven Carlson, Kuhika Gupta, and **Wesley Wehde**. 2018. "In search of an inclusive approach: Measuring non-market values for the effects of complex dam, hydroelectric and river system operations." *Energy Economics*, 69: 225-236.
<https://doi.org/10.1016/j.eneco.2017.11.024>.
1. Kuhika Gupta, Joseph Ripberger, and **Wesley Wehde**. 2018. "Advocacy Group Messaging on Social Media: Using the Narrative Policy Framework to Study Twitter Messages about Nuclear Energy Policy in the United States." *Policy Studies Journal*, 46.1: 119-136.
<https://doi.org/10.1111/psj.12176>.

Manuscripts Under Review:

Wesley Wehde and Junghwa Choi. "Public Preferences for Disaster Federalism: Comparing public risk management preferences across levels of government and hazards". *R&R*.

Junghwa Choi, **Wesley Wehde**, and Romit Maulik. "Exploring the Linkage Between Problem Definition and Public Support: Comparing Public Support of Climate Change Policies Using Machine Learning". *Under Review*.

Matt Nowlin and **Wesley Wehde**. "Social Capital and Hurricane Warning Response." *Under Review*.

Non-refereed Publications:

Open-Source Textbooks:

1. **Wehde, Wesley**; Jenkins-Smith, Hank; Ripberger, Joseph; Copeland, Gary; Nowlin, Matthew; Hughes, Tyler; Fister, Aaron; and Davis, Josie. 2020. *Quantitative Research Methods for Political Science, Public Policy and Public Administration for Undergraduates: 1st Edition with Applications in R*. Johnson City, TN: East Tennessee State University. <https://dc.etsu.edu/etsu-oer/5>
Version using Excel at: <https://dc.etsu.edu/etsu-oer/4>
Original graduate version at:
<https://open.umn.edu/opentextbooks/textbooks/quantitative-research-methods-for-political-science-public-policy-and-public-administration-with-applications-in-r-3rd-edition>.

Policy Reports:

2. Carol Silva, Joseph Ripberger, Hank Jenkins-Smith, Makenzie Krocak, and **Wesley Wehde**. "Refining the Baseline: Public Reception, Understanding, and Responses to Severe Weather Forecasts and Warnings in the Contiguous United States". Report prepared for NOAA's Office

of Weather and Air Quality through the U.S. Weather Research Program, December 2018.
<http://risk.ou.edu/downloads/news/WX18-Reference-Report.pdf>.
<https://doi.org/10.7910/DVN/RHT4ON>

3. Hank C. Jenkins-Smith, Carol L. Silva, Deven Carlson, Kuhika Gupta, Benjamin Jones, Joseph Ripberger, **Wesley Wehde**, and Robert Berrens. “Estimating Non-Use Values for Alternative Operations of the Glen Canyon Dam: An Inclusive Value Approach.” Report for the U.S. Department of Energy, September 2016. http://cess.ou.edu/resources/2016093-GCD_3B_FinalReport.pdf

Invited Posts:

4. Wesley Wehde. “[Political Internship Trends: Experts Weigh in on What To Expect](#)” Post for Zippia.com, February 2021.
5. Elizabeth Bell, **Wesley Wehde**, and Ani Ter-Mkrtchyan. “[Why Do Conservatives Love Government Red Tape?](#)”. Post for 3Streams blog on Medium, Oct. 2020.
6. Elizabeth Bell, **Wesley Wehde**, and Madeleine Stucky. “[Who wins and who loses when states earmark lottery revenue for higher education?](#)” Post for Brookings Institute Brown Center Chalkboard blog, May 2018.
7. Kuhika Gupta, Joseph Ripberger, and **Wesley Wehde**. “[Advocacy groups use Twitter to build policy narratives featuring heroes, villains and victims.](#)” Post for LSE USAPP blog, February 2017.

Working Papers:

Matthew Nowlin and **Wesley Wehde**. “Teaching Quantitative Methods for Public Policy”. Invited book chapter; to be submitted June 2021.

Wesley Wehde. “Measuring Willingness to Pay for Community Based Resilience Training”. Submitted for inclusion in edited book.

Wesley Wehde. “Understanding Perceptions of Social Vulnerability in North Carolina, Tennessee, and Virginia”

Alisa Fryar, **Wesley Wehde**, Brenda Nichols, and Shannon Tanner. “Hurricanes in Higher Education: The Effects of Natural Disasters on Student Success.”

Sean Ernst, **Wesley Wehde**, Jinan Allan, Joseph Ripberger, Makenzie Krocak, Hank Jenkins-Smith, and Carol Silva. “Weathering the Effect of Affect: Causes and Consequences of Severe Weather Affect”

Wesley Wehde, Kuhika Gupta, Joseph Ripberger, and Junghwa Choi. “Narrative Strategies Across Mediums: When Space is Limited, How Do Advocacy Groups Economize and Prioritize.”

Wesley Wehde. “The Institutional Grammar Tool as a Measure of Policy Diffusion and Innovation: A Case Study of Menu Labelling Policies.”

Teaching Experience:

At East Tennessee State University:

- ◆ Introduction to American Government
 - ◆ Fall 2019 (~50 students), Spring 2020 (~50 students)
 - ◆ *Online*: Fall 2020 (~30 students), Spring 2021 (~30 students)
- ◆ Undergraduate Research Methods
 - ◆ Fall 2019 (~30 students), Spring 2020 (~30 students)
 - ◆ *Online*: Fall 2020 (~30 students), Spring 2021 (~20 students)
- ◆ Intro to Public Administration (undergrad)
 - ◆ Spring 2020 (~20 students)
- ◆ American Public Policy
 - ◆ *Online*: Fall 2020 (~20 students)
- ◆ Interest Groups in American Politics
 - ◆ *Online*: Spring 2021 (~20 students)

At the University of Oklahoma:

- ◆ Theories of the Policy Process,
 - ◆ Spring 2019 (20 students)
- ◆ Graduate Introduction to Analysis of Political and Administrative Data as Co-Instructor
 - ◆ Fall 2017
 - ◆ Fall 2016
- ◆ Graduate Intermediate Analysis of Political and Administrative Data as Co-Instructor
 - ◆ Fall 2017
 - ◆ Fall 2016

Conference Papers and Presentations:

American Political Science Association Conference: 2017, 2018 (X2)
Midwest Political Science Association Conference: 2015, 2016, 2017 (X2), 2018, 2020 (X3), 2021
Southern Political Science Association Conference: 2018, 2019 (X2), 2020, 2021
Public Management Research Conference: 2019, 2020, 2021
International Research Society on Public Management: 2017
Association for Public Policy Analysis & Management: 2017
Natural Hazards Researchers Meeting: 2020
American Meteorological Association Conference: 2019
Oklahoma-Kansas Judgment and Decision-making Conference: 2019
Oklahoma Political Science Association: 2013

Research Interests:

Policy Process Theory, Environmental Policy,
Natural Hazards Policy, Emergency Management,
Policy Analysis

Teaching Interests:

Research Methods, Policy Process,
Environmental Policy, Policy Analysis,
Public Administration, Emergency Management,
State/Local Government

Research Proposals Funded:

- ◆ ETSU Research Development Committee Major Grant, 2020-2021

- ◆ Amount: \$12,000
- ◆ ETSU Undergraduate Research Faculty Collaborative Grant, with David Crabtree, Spring 2021.
 - ◆ Amount: \$1,200
 - Student awarded Summer Fellowship for project; amount: \$3,000 + \$500 in materials.
- ◆ ETSU Blue Ridge Project, 2020-2021.
 - ◆ Amount: \$1,000
- ◆ H.V. Thornton Memorial Award, OU Department of Political Science, AY 2018-2019.
 - ◆ Amount: \$1,800
- ◆ H.V. Thornton Memorial Award, OU Department of Political Science, AY 2017-2018.
 - ◆ Amount: \$1,700

Scholarships, Presentation, Paper and Other Awards:

- ◆ NSF Enabling the Next Generation of Hazards and Disasters Researchers Fellowship, 2019-2021.
- ◆ McNair Scholar Mentor - \$1,500 for data collection and materials.
- ◆ ETSU College of Arts and Sciences Travel Award, \$1,888 for travel to the 2020 Southern Political Science Association conference.
- ◆ ETSU Open Educational Resources Award, \$2,500 for adaptation of existing textbook for PSCI 3440 Research Methods
- ◆ Best Graduate Student Poster award at OKJDM 2019.
- ◆ Second place Graduate Student poster from the Societal Applications Symposium at AMS 2019.
- ◆ Richard C. Kearney Endowed Fellowship, OU Department of Political Science, 2017- 2018
- ◆ John Halvor Leek Scholarship (multiple), OU Department of Political Science, 2016-2019, Amount: \$500 per semester.
- ◆ 2017 Behavioral Models of Politics Conference and Workshop Graduate Student Travel Grant, Amount: \$300.
- ◆ Graduate Student Senate Conference Travel Grant to Midwest Political Science Association National Conference, 2015, Amount: \$692.
- ◆ Foundation Fellowship, University of Oklahoma, 2015-2019, Amount: \$2,500 per semester.
- ◆ OU Creatives Finalist Best Cultural Review, 2017.
- ◆ Phi Beta Kappa, University of Oklahoma, Spring 2014.
- ◆ Benson Undergraduate Research Paper Award, Spring 2014.
- ◆ National Merit Scholarship, University of Oklahoma, 2011-2016

Recent Media Citations:

2019 Glackin, Mary. "Trump administration politics have no place in weather forecasting and have damaged trust." *Washington Post*. September 15. <https://wapo.st/2Oq4Ndr>

Thesis and Dissertation Committees:

- ◆ **2020:** Oyindamola Oyetunde (MPA)

Research Experience:

- ◆ Graduate Research Assistant, OU Center for Energy, Security, and Society, Jan. 2015 – July 2019.
- ◆ Graduate Research Assistant, OU Center for Risk and Crisis Management, Jan. 2015 – July 2019.
- ◆ Undergraduate Policy Research Fellow, OU Center for Risk and Crisis Management, Nov. 2013 – Dec. 2014.
- ◆ Research Fellow, OU Carl Albert Center, August 2012 – May 2013.

Training, Certifications and Proficiencies:

- ◆ Blue Ridge Project Sustainability in Teaching Certificate
- ◆ NSF/NIH Research Ethics Certification
- ◆ Official SafeZone/LGBTQ Ally Training (ETSU/OU)
- ◆ CITI Institutional Review Board Training
- ◆ APSA 2018 Pre-conference Short Course on Neural Networks for Social Science Research
- ◆ ICPSR Short Course on Bayesian Multilevel Modelling, Berkeley, CA, Summer 2017
- ◆ APSA 2017 Pre-conference Short Course on **Tools & Best Practices for the Integration of Spatial Data**
- ◆ Statistical Software and Data Management:
 - R, SPSS, Matlab, Minitab, MS Access, BUGS, JAGS
- ◆ Presentation and Word Processing:
 - Microsoft Office Suite, LaTeX, Beamer

Service to the Profession

- ◆ Guest editor on Virtual Issue titled, “Public Administration in the Time of COVID-19” at the *Journal of Public Administration Research and Theory*. <https://academic.oup.com/jpart/pages/covid-19-vi>
- ◆ Panel discussant: *MPSA 2020 (cancelled due to COVID)*, *SPSA: 2020, 2021*.
- ◆ NSF Panel Reviewer, 2020 & 2021.
- ◆ NSF Ad Hoc Proposal Reviewer, 2019
- ◆ Poster Session discussant, *MPSA 2018*.
- ◆ Manuscript reviewer for:
 - *Policy Studies Journal, Journal of Public Administration Research and Theory, Journal of Crisis and Contingencies Management, Publius, Risks, Hazards & Crisis in Public Policy, Disasters, Nonprofit Management and Leadership, Public Administration, The Social Science Journal, Sustainability, International Review of Administration Sciences, Global Environmental Change, Atmosphere, and Patterns.*
- ◆ American Society for Public Administration, Oklahoma Chapter’s Membership Committee Student Representative, Spring 2017-Spring 2018.