

Visiting Assistant Professor of Economics
Voinovich School of Leadership and Public Service
Ohio University

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EDUCATION

West Virginia University, Morgantown, WV

Ph.D. in Natural Resource Economics

- Dissertation Title: "Three Essays on Utilizing Spatial Econometrics in Natural Resource Economics related to Water, Health, and Energy"
- Committee: Alan R. Collins (chair), Randall W. Jackson, Daniel S. Grossman, Donald J. Lacombe, Michael P. Strager

West Virginia University, Morgantown, WV

Master of Science in Agricultural and Resource Economics

University of Tehran, Tehran, Iran

Master of Science in Agricultural Economics

University of Kerman, Kerman, Iran

Bachelor of Science in Agricultural Economics

WORK EXPERIENCE

Visiting Assistant Professor

Voinovich School of Leadership and Public Service August 2021–Present
Ohio University

Research Assistant Professor

University of Kentucky November 2019–August 2021
Department of Agricultural Economics
Community & Economic Development Initiative of Kentucky (CEDIK)

Graduate Research Assistant

Regional Research Institute (WVU) May 2013–August 2019

Economics Consultant

Permanent Management of Ariayian Land Corporation (Iran) July 2007–July 2011

Department Chair

Department of Management- Molana University (Iran) September 2010–September 2011

TEACHING EXPERIENCE

Policy Analysis for Public Affairs and Leadership (OU)	January 2022–February 2022
Introductory Agricultural and Agribusiness Economics (WVU)	January 2019–May 2019
Applied Demand Analysis (Co-instructor) (WVU)	August 2016–December 2016
Agricultural Economics (Iran)	September 2007–July 2012
Marketing of Agricultural Products (Iran)	September 2007–July 2012
Development Economics (Iran)	September 2007–July 2012
International Economics (Iran)	September 2007–July 2012

Microeconomics (Iran)	September 2007–July 2012
Macroeconomics (Iran)	September 2007–July 2012
Production Management (Iran)	September 2007–July 2012
Research Methods (Iran)	September 2007–July 2012
Accounting (Iran)	September 2007–July 2012

JOURNAL PUBLICATIONS

1. **Erfanian, E.**, Chen, J., & Hodges, C. (2021). Long-term Debt in Water Utilities: Does Ownership Matter? Evidence from West Virginia Utilities. *Applied Economics Letters*, DOI: 10.1080/13504851.2021.1971618
2. Cushing, B., **Erfanian, E.**, & Peters, D. (2020). What Regional Science Has Taught Us and How It Can Still Contribute to Our Understanding of the Opioid Crisis?. *The Review of Regional Studies*. 50:353-382.
3. Shakya, Sh., **Erfanian, E.**, & Scarcioffolo, A. (2020). The Political Economy of Vermont's Abortion Bill. *Applied Economics Letters*. 1-5.
4. Alzahrani, F., Collins, A. R., & **Erfanian, E.** (2020). Drinking Water Quality Impacts on Health Care Expenditures in the United States. *Water Resources and Economics*. 100162.
5. **Erfanian, E.**, & Collins, A. R. (2020). Air Quality and Asthma Hospitalization: Evidence of PM2.5 Concentrations in Pennsylvania Counties. *Journal of Regional Analysis & Policy*. 50(1):1-15.
6. Court, Ch. & **Erfanian, E.** (2019). A Role for Regional Science in Analyzing Water Issues. *The Review of Regional Studies*. 49(2):184-189.
7. Jackson, R., Neto, A. B. F., **Erfanian, E.**, & Járosi, P. (2019). Woody Biomass Processing and Rural Regional Development. *Economic Development Quarterly*. 33(3):234-247.
8. **Erfanian, E.**, Collins, A. R. & Grossman, D. (2019). The Impact of Naloxone Access Laws on Opioid Overdose Deaths in the U.S. *The Review of Regional Studies*. 49(1):45-72.
9. **Erfanian, E.**, & Collins, A. R. (2018). Charges for Water and Access: What Explains the Differences among West Virginian Municipalities? *Water Economics and Policy*. 4(04):1850017.
10. Jackson, R., Neto, A. B. F., & **Erfanian, E.** (2018). Woody Biomass Processing: Potential Economic Impacts on Rural Regions. *Energy Policy*. 115:66-77.
11. **Erfanian, E.**, & Neto, A. B. F. (2017). Scientific Output: Labor or Capital Intensive? An Analysis for Selected Countries. *Scientometrics*, 112(1):461-482.
12. Hall, J., **Erfanian, E.**, Stair, C. (2016). Voting Behavior on Carbon Pollution from Power Plants. *Oil, Gas & Energy Quarterly*. 64(4):707-710.
13. **Erfanian, E.** (2015). Book Review: Environmental & Development Economics: Essays in Honour of Sir Partha Dasgupta by Barrett, Mäler, and Eric S. Maskin. *The Review of Regional Studies*. 45(2):198-200.
14. Shahbazi, H. & **Erfanian, Z.** (2009). Estimation of Welfare Loss Derived by Monopoly in Iran Milk Industry, *Journal of Agricultural Economics and Development*. No 65. (In Persian)
15. Hosseini, S. & **Erfanian, Z.** (2008). Modeling the Effects of Advertising on the Demand for Dairies in Iran (Case Study: Iran Milk Industries), *Journal of Iranian Agricultural Science and Industries Research*. No 39. (In Persian)

WORKING PAPERS, RESEARCH DOCUMENTS, AND GOVERNMENT REPORTS

1. Jolley, G. J., Hohenberger, M., Bone, C., Lane, B., Pham, T., Belleville, D. E., **Erfanian, E.**, & ... (2022). Building Opportunities Beyond Coal Accelerating Transition (BOBCAT) Network. Voinovich School of Leadership and Public Service, Ohio University. Prepared as part of U.S. Economic Development Administration University Center.
2. Jolley, G. J., Hall, O., Ruhil, A., Pham, T., Belleville, D. E., **Erfanian, E.**, & Raffle, H. (2021). The Economic Impact of 988 Suicide Prevention Hotline Transition. Voinovich School of Leadership and Public Service, Ohio University.
3. Cushing, B., **Erfanian, E.** (2021). An Evaluation of Databases Drawn from the National Survey of Substance Abuse Treatment Services (N-SSATS). Research Document RD2021-01 Regional Research Institute. West Virginia University.

EXTENSION PUBLICATIONS

1. **Erfanian, E.** Naloxone Access Laws: What We Know About Kentucky? Research & Policy Bulletin (CEDIK). May 2020.

RESEARCH IN PROGRESS

1. Cushing, B., Tomas Sayago Gomez, J., & **Erfanian, E.** The Impacts of Oil and Gas Developments on the Opioids Overdose Deaths in the U.S. To be submitted to The Review of Regional Studies by August 2022.
2. **Erfanian, E.** Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. To be submitted to the Journal of Regional Science by August 2022.
3. **Erfanian, E.**, & Davis, A. What Economic Impacts Do Hospitals Have on Other Healthcare and Non-Healthcare Industries? To be submitted to the Journal of Rural Health by December 2022.
4. **Erfanian, E.**, & Davis, A. Presence of Hospitals and Firm Location Decisions in the United States. To be submitted to the Journal of Regional Analysis and Policy by December 2023.
5. **Erfanian, E.**, & Davis, A. Water Systems and Health Inequalities in the Rural South. To be submitted to the Water Resources and Rural Development by December 2022.

CONFERENCE PRESENTATIONS

1. Cushing, B., & **Erfanian, E.** (2021). An Evaluation of Databases Drawn from the National Survey of Substance Abuse Treatment Services (N-SSATS). North American Regional Science Council. Denver, CO. (Presented by Erfanian) November 2021.
2. **Erfanian, E.**, Davis, A. (2021). Evaluating Violations of Drinking Water in Eight Southern States: Are the Rural Places Different than the Urban Areas?. Southern Regional Science Association. (Presented by Erfanian) April 2021.
3. **Erfanian, E.**, Chen, J., & Hodges, C. (2020). Long-term Debt in Water Utilities: Does Ownership Matter? Evidence from West Virginia Water Utilities. North American Regional Science Council. (Presented by Erfanian) November 2020.
4. **Erfanian, E.**, Cushing, B., & Tomas Sayago Gomez, J. (2019). Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. North American Regional Science Council, especial session on opioid crisis. Pittsburg, PA. (Presented by Erfanian) November 2019.
5. Cushing, B., Tomas Sayago Gomez, J., & **Erfanian, E.** (2019). The Impacts of Oil and Gas Developments on the Opioids Overdose Deaths in the U.S. North American Regional Science Council, especial session on opioid crisis. Pittsburg, PA. (Presented by Cushing and Gomez) November 2019.

6. **Erfanian, E.**, Cushing, B., & Tomas Sayago Gomez, J. (2019). Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. Presented at Southern Regional Science Association, especial session on opioid crisis. D.C. (Presented by Erfanian) April 2019.
7. Cushing, B., Tomas Sayago Gomez, J., & **Erfanian, E.** (2019). The Impacts of Oil and Gas Developments on the Opioids Overdose Deaths in the U.S. Presented at Southern Regional Science Association, especial session on opioid crisis. D.C. (Presented by Cushing and Gomez) April 2019.
8. **Erfanian, E.**, Jackson, R., Pokharel, S. B. (2018). Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. Presented at North American Regional Science Council. San Antonio TX. (Presented by Erfanian) November 2018.
9. **Erfanian, E.**, Jackson, R., Pokharel, S. B. (2018). Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. Presented at Southern Demographic Association. Durham NC. (Presented by Erfanian) October 2018.
10. **Erfanian, E.**, Collins, A., Grossman, D. (2018). The Impact of Naloxone Access Laws on Opioid Overdose Deaths in the U.S. Presented at Southern Regional Science Association, especial session on opioid crisis. Philadelphia PA. 2018. (Presented by Erfanian) March 2018.
11. **Erfanian, E.** (2018). Ambient Air Pollution and Asthma Hospitalization: Evidence of Pennsylvania Counties. Presented at Southern Regional Science Association. Philadelphia PA. 2018. (Presented by Erfanian) March 2018.
12. **Erfanian, E.**, and Chen, J. (2018). Long-Term Debt in Water Utilities: Does Ownership Matter? Evidence of West Virginia Utilities. The 6th University of Florida Water Institute Symposium. Gainesville FL. 2018. (Presented by Erfanian) February 2018.
13. **Erfanian, E.**, Collins, A., Grossman, D. (2017). The Impact of Naloxone Access Laws on Opioid Overdose Deaths in the U.S. Presented at Southern Demographic Association. Morgantown WV. 2017. (Presented by Erfanian) October 2017.
14. **Erfanian, E.**, Collins, A., Grossman, D. (2017). Naloxone Access Law and Opioid Overdose in the U.S. Presented at Southern Regional Science Association. Memphis TN. (Presented by Erfanian) March/April 2017.
15. **Erfanian, E.**, Collins, A., Grossman, D. (2017). Naloxone Access Law and Opioid Overdose in the U.S. Presented at Annual Midwest Graduate Student Summit 2017. Columbus OH. (Presented by Erfanian) April 2017.
16. **Erfanian, E.**, Collins, A. (2016). Water Utility Pricing and Minimum Charges: What Explains the Differences? Evidence of Municipalities in West Virginia. Presented at Southern Regional Science Association. D.C. (Presented by Erfanian) March/April 2016.
17. **Erfanian, E.**, Collins, A. (2016). Water Utility Pricing and Minimum Charges: What Explains the Differences? Evidence of Municipalities in West Virginia. Presented at Northeast Agricultural and Resource Economics Association. Bar Harbor ME. (Presented by Collins) June 2016.
18. **Erfanian, E.**, Collins, A. (2016). Water Utility Pricing and Minimum Charges: What Explains the Differences? Evidence of Municipalities in West Virginia. Presented at North American Regional Science Council. Minneapolis MN. (Presented by Erfanian) November 2016.
19. **Erfanian, E.**, & Neto, A. (2016). Scientific output: Labor or Capital Intensive? An Analysis for Selected Countries. Presented at Academy of Economics and Finance. Charleston SC. (Presented by Neto) February 2016.
20. Kaboli, H., & **Erfanian, Z.** (2010). Economic Analysis of Range Management Projects, Case Study: Bar Aftab. 4th Conference of Natural Recourses of Iran. Tehran Iran. (In Persian) (Presented by Kaboli)

AWARDS AND HONORS

Recipient of the award for conference travel expenses. Hayek Fund, George Mason University. 2018.

Co-recipient of the award for Best Paper in Economics by a Graduate Student at the Academy of Economics and Finance. 54th annual conference. February 2017. Charleston, SC.

Recipient of the Thomas F. Torries Outstanding Ph.D. Paper award. School of Natural Resource. West Virginia University. May 2017.

Graduate Resource Economics Club Vice President, West Virginia University (2015-2017).

AWARDED GRANTS

1. Jason Jolley (PI), Elham Erfanian (Co-PI), Ohio Broadband and 5G Sector Partnership. Subcontract with The Ohio State University. Governor's Office of Workforce Transformation (OWT), \$25,000 grant/\$25,000 match: Total: \$50,000. 2022.
2. Elham Erfanian (Co-PI), Eric Belleville (Co-PI), Economic Impacts of Jesse Owens Park. Ohio Department of Natural Resources, \$5,000. 2022.
3. Elham Erfanian (PI), Alison Davis (Co-PI), ARC Coal Industry Ecosystem (CIE) Analysis Extensions. Appalachian Regional Commission, Subaward from West Virginia University, \$33,308, 7/19-9/20.
4. Alison Davis (PI), Jenny Minier (Co-PI), Mike Clark (Co-PI), Jennifer Hunter (Co-PI), Elham Erfanian (Co-PI), Christina Studts (Co-PI), Ernie Scott (Co-PI), The Economic Importance of Healthcare to Rural Communities, \$500,000, USDA NIFA AFRI, 2/2019-1/2022.
5. Alison Davis (PI), Ernie Scott (Co-PI), Elham Erfanian (Co-PI), National Rural Health Economic Analysis Center, HRSA Office of Rural Health Policy, \$675,000, 9/19-8/22.

INVITED WEBINAR

1. The Impact of Naloxone Access Laws on Opioid Overdose Deaths in the U.S. The Review of Regional Studies. Invited webinar in the North Central Regional Center for Rural Development. Michigan State University. September 2019.

JOURNAL REVIEWER

1. Review for Regional Studies
2. Journal of Regional Analysis and Policies
3. Scientometrics
4. Journal of Private Enterprise
5. Journal of Entrepreneurship and Public Policy
6. International Advances in Economic Research
7. Heliyon
8. Revista Brasileira De Estudos Regionais E Urbanos
9. International Journal of Finance & Economics
10. Journal of Drug Issues
11. Journal of Social Sciences

PROFESSIONAL ACTIVITIES

Administration, Session Chair, Discussant

1. Southern Regional Science Association (SRSA), 2015
2. Southern Regional Science Association (SRSA), 2016
3. Southern Regional Science Association (SRSA), 2017
4. Southern Regional Science Association (SRSA), 2018
5. Southern Regional Science Association (SRSA), 2019
6. Southern Regional Science Association (SRSA), 2021
7. North American Regional Science Council (NARSC), 2018
8. North American Regional Science Council (NARSC), 2019
9. North American Regional Science Council (NARSC), 2020
10. North American Regional Science Council (NARSC), 2021
11. Western Regional Science Association (WRSA), 2021
12. Regional Science Association International (RSAI), 2021
13. Italian Association of Regional Sciences (AISRE), 2021

SKILLS (MODELING AND SOFTWARE)

Economics: Spatial Econometrics, Time Series Analysis

Software: Matlab, R, EViews, GIS, GeoDa, Python, GitHub

AFFILIATIONS

Southern Regional Science Association (SRSA)

North American Regional Science Council (NARSC)

Regional Science Association International (RSAI)

American Economic Association (AEA)

Agricultural and Applied Economics Association (AAEA)

Southern Demography Association (SDA)

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