

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

## ACADEMIC APPOINTMENTS

### **Visiting Assistant Professor**

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

### **Faculty Consultant, Co-Investigator**

Government Research Center, The Ohio State University 2022

### **Research Assistant Professor**

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

### **Graduate Research Assistant**

Regional Research Institute, West Virginia University (WVU) 2013–2019

### **Instructor of Record**

Molana University, Karaj University, Mahdasht University (Iran) 2007–2012

### **Department Chair**

Department of Management, Molana University (Iran) 2010–2011

## PROFESSIONAL EXPERIENCE

### **Economic Consultant**

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

## REFEREED PUBLICATIONS

- Alzahrani, F., **Erfanian, E.**, & Collins, A. R. (2023). Drinking Water Contamination and Avoidance Behavior: Do Bottled Water Sales Adequately Measure the Cost of This Behavior?. *Urban Water Journal*, 20 (1): 112-122.
- Erfanian, E.**, Chen, J., & Hodges, C. (2023). Long-term Debt in Water Utilities: Does Ownership Matter? Evidence from West Virginia Utilitie. *Applied Economics Letters*, DOI: 10.1080/13504851.2021.1971618
- Shakya, Sh., **Erfanian, E.**, & Scarciuffolo, A. (2022). The Political Economy of Vermonts Abortion Bill. *Applied Economics Letters*. 29 (1): 17-21.
- 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.
- 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.
- 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.
- Court, Ch. & **Erfanian, E.** (2019). A Role for Regional Science in Analyzing Water Issues. *The Review of Regional Studies*. 49 (2): 184-189.
- 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.
- 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.
- 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.
- Jackson, R., Neto, A. B. F., & **Erfanian, E.** (2018). Woody Biomass Processing: Potential Economic Impacts on Rural Regions. *Energy Policy*. 115: 66-77.
- Erfanian, E.**, & Neto, A. B. F. (2017). Scientific Output: Labor or Capital Intensive? An Analysis for Selected Countries. *Scientometrics*, 112 (1): 461-482.
- Hall, J., **Erfanian, E.**, Stair, C. (2016). Voting Behavior on Carbon Pollution from Power Plants. *Oil, Gas & Energy Quarterly*. 64 (4): 707-710.
- 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.
- 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)
- 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

- Trainer, M., Bowman, J., **Erfanian, E.**, Beard, E., & Kruse, N. (2022). Appalachian Ohio Drinking Water Accessibility Initiative Summary Report and Maps. Voinovich School of Leadership and Public Service, Ohio University.
- Erfanian, E.**, Belleville, D. E. (2022). Economic Impact of Jesse Owens State Park. Voinovich School of Leadership and Public Service, Ohio University. Prepared as part of U.S. Economic Development Administration University Center.

**Erfanian, E.**, Belleville, D. E. (2022). IMPLAN and Workforce Analyses for US DOE Ports Site Reindustrialization in Pike County, Ohio. Voinovich School of Leadership and Public Service, Ohio University.

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.

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.

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

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

## RESEARCH IN PROGRESS

**Erfanian, E.**, Alzahrani, F., Jolley, J. Evaluating the impact of power plant closures on educational outcomes in Ohio. To be submitted to the Journal of Financial Economic Policy.

Alzahrani, F., & **Erfanian, E.**, Collins, A. Drinking Water Contamination and Avoidance Behaviour: Do Bottled Water Sales Adequately Measure Avoidance Costs? Under Review Urban Water Journal.

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 2023.

**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 2023.

## REFEREED CONFERENCE PRESENTATIONS

**Erfanian, E.**, Alzahrani, F., Jolley, J. (2022). Evaluating the impact of power plant closures on educational outcomes in Ohio. North American Regional Science Council. Montreal, CA. (Presented by Erfanian) November 2022.

Cushing, B., & **Erfanian, E.** (2022). Recovery and Treatment Facilities Databases Drawn from the National Survey of Substance Abuse Treatment Services (N-SSATS). Southern Demographic Association. Knoxville, TN. (Presented by Erfanian) October 2022.

Cushing, B., & **Erfanian, E.** (2022). Recovery and Treatment Facilities Databases Drawn from the National Survey of Substance Abuse Treatment Services (N-SSATS). Southern Regional Science Association. Austin, TX. (Presented by Erfanian) April 2022.

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.

**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.

**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.

**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.

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.

**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.

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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

Kaboli, H., & **Erfanian, Z.** (2010). Economic Analysis of Range Management Projects, Case Study: Bar Aftab. 4th Conference of Natural Resources of Iran. Tehran Iran. (In Persian) (Presented by Kaboli)

## INVITED SEMINAR/WEBINAR

Regional Impacts of Prescription Drugs Monitoring Programs on Opioid Overdose Deaths in the U.S. Invited seminar in Department of Economics, Ohio University. February 2023.

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

## AWARDED GRANTS

**Elham Erfanian** (Co-PI), Eric Belleville (Co-PI), PORTSfuture Site Reindustrialization IMPLAN and Workforce Analysis. Internal Project. US Department of Energy, \$30,000. 2022.

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.

**Elham Erfanian** (Co-PI), Eric Belleville (Co-PI), Economic Impacts of Jesse Owens Park. Ohio Department of Natural Resources, \$5,000. 2022.

**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.

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.

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.

## TEACHING EXPERIENCE

<b>Public Private Partnerships (OU) (Graduate L.)</b>	August 2022–October 2022
<b>Policy Analysis for Public Affairs and Leadership (OU) (Graduate L.)</b>	January 2022–February 2022
<b>Introductory Agricultural and Agribusiness Economics (WVU)</b>	January 2019–May 2019
<b>Applied Demand Analysis (Co-instructor) (WVU)</b>	August 2016–December 2016
<b>Agricultural Economics (Iran)</b>	September 2007–July 2012
<b>Marketing of Agricultural Products (Iran)</b>	September 2007–July 2012
<b>Development Economics (Iran)</b>	September 2007–July 2012
<b>International Economics (Iran)</b>	September 2007–July 2012
<b>Microeconomics (Iran)</b>	September 2007–July 2012
<b>Macroeconomics (Iran)</b>	September 2007–July 2012
<b>Production Management (Iran)</b>	September 2007–July 2012

**Research Methods (Iran)**

September 2007–July 2012

**Accounting (Iran)**

September 2007–July 2012

**PROFESSIONAL ACTIVITIES****Professional Certificates**

IMPLAN Training, IMPLAN 2022

**Professional Memberships and Affiliations**

Southern Regional Science Association (SRSA) 2015–present

North American Regional Science Council (NARSC) 2016–present

Regional Science Association International (RSAI) 2016–present

Southern Demography Association (SDA) 2017–present

American Economic Association (AEA) 2018–present

Agricultural and Applied Economics Association (AAEA) 2018–present

The Appalachian Institute to Advance Health Equity Science (ADVANCE) (OU) 2022–present

**Completed Training Sessions**

Search Committee: Diversity Advocate Workshop (OU) 2022

Search Committee: Candidate Evaluation &amp; Selection (OU) 2022

**Professional Development**

Diverse Faculty Mentoring Program (OU) 2022

Thriving in Academia (OU) 2022

**SERVICE****Service to Ohio University**

Conference Reviewer, Appalachia Studies Association 2022

**Service to Ohio University Voinovich School of Leadership and Public Service**

Member, Voinovich School Diversity and Inclusion Committee 2022–present

Search Committee, Economic Development Specialist Position 2022

Search Committee, Graduate Assistantship Positions 2022–present

Reviewer, Center for Economic Development and Community Resilience's Reports 2021–present

Reviewer, Center for Economic Development and Community Resilience's Colleagues Publications 2021–present

**Service to the Profession**

Reviewer, Review for Regional Studies

Reviewer, Journal of Regional Analysis and Policies

Reviewer, Scientometrics

Reviewer, Journal of Private Enterprise

Reviewer, Journal of Entrepreneurship and Public Policy

Reviewer, International Advances in Economic Research

Reviewer, Revista Brasileira De Estudos Regionais E Urbanos

Reviewer, Heliyon

Reviewer, International Journal of Finance & Economics

Reviewer, Journal of Drug Issue

Reviewer, Journal of Social Sciences

Reviewer, International Journal of Environmental Research and Public Health

Reviewer, North American Regional Science Council (NARSC) Graduate Student Paper Competitions

Assistant Executive Director, NARSC Conference

Session Chair, Southern Regional Science Association (SRSA)

Session Chair, North American Regional Science Council (NARSC)

Program Co-Chair, Southern Regional Science Association (SRSA), North American Regional Science Council (NARSC)

Administeration, Southern Regional Science Association (SRSA), North American Regional Science Council (NARSC), Western Regional Science Association (WRSA), Regional Science Association International (RSAI), Italian Association of Regional Sciences (AISRE), Mid-Continent Regional Science Association (MCRSA)

## 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).

## SKILLS (MODELING AND SOFTWARE)

**Economics:** Spatial Econometrics, Time Series Analysis

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

**Applications:** IMPLAN

Last updated: Sunday 12<sup>th</sup> February, 2023