

West Virginia University
Davis College of Agriculture, Natural Resources and Design
Division of Resource Economics & Management
Regional Research Institute

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EDUCATION

West Virginia University, Morgantown, WV

Ph.D. candidate in Natural Resource Economics August 2019 (expected)

- 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 2014

University of Tehren, Tehran, Iran

Master of Science in Agricultural Economics 2007

University of Kerman, Kerman, Iran

Bachelor of Science in Agricultural Economics 2000

WORK EXPERIENCE

Graduate Research Assistance

Regional Research Institute (WVU) May 2013–present

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

Economics Intern

Bureau of Planning and Budget (Iran) May 1999–August 1999

TEACHING EXPERIENCE

Introductory Agricultural and Agribusiness Economics (WVU) January 2019–May 2019

Applied Demand Analysis (Co-teaching) (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. Jackson, R., Neto, A. B. F., **Erfanian, E.**, & JÃ¡rosi, P. (2019). Woody Biomass Processing and Rural Regional Development. *Economic Development Quarterly*. DOI.org/10.1177/0891242419826236.
2. **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.
3. **Erfanian, E.**, & Collins, A. R. (2018). Charges for Water and Access: What Explains the Differences among West Virginian Municipalities? *Water Economics and Policy*. 1850017. DOI: 10.1142/S2382624X18500170.
4. Jackson, R., Neto, A. B. F., & **Erfanian, E.** (2018). Woody Biomass Processing: Potential Economic Impacts on Rural Regions. *Energy Policy*. 115, 66-77.
5. **Erfanian, E.**, & Neto, A. B. F. (2017). Scientific Output: Labor or Capital Intensive? An Analysis for Selected Countries. *Scientometrics*, 112(1), 461-482.
6. **Erfanian, E.** (2015). Book Review: *Environmental & Development Economics: Essays in Honour of Sir Partha Dasgupta* by Barrett, MÃ¶ler, and Eric S. Maskin. *The Review of Regional Studies*. 45(2).
7. Hall, J., **Erfanian, E.**, Stair, C. (2016). Voting Behavior on Carbon Pollution from Power Plants. *Oil, Gas & Energy Quarterly*. 64(4), 707-710.
8. 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)
9. 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

1. **Erfanian, E.**, & Collins, A. R. (2019). Air Quality and Asthma Hospitalization: Evidence of PM2.5 Concentrations in Pennsylvania Counties. RRI Working Paper 2019-01. Available at: Regional Research Institute website: <http://rri.wvu.edu/wp-content/uploads/2019/03/Asthma.pdf>
2. Alzahrani, F., Collins, A. R., & **Erfanian, E.** (2019). Drinking Water Quality Impacts on Health Care Expenditures in the United States. RRI Working Paper 2019-02. Available at: Regional Research Institute website: <http://rri.wvu.edu/wp-content/uploads/2019/04/WaterQuality.pdf>

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*.
2. **Erfanian, E.**, Tomas Sayago Gomez, J., & Cushing, B. Regional Impacts of Prescription Drug Monitoring Programs (PDMPs) on U.S. Drug Overdose Deaths. To be submitted to the *Journal of Regional Science*.
3. **Erfanian, E.** & Chen, J. Long-term Debt in Water Utilities: Does the Ownership Matter? Evidence of West Virginian's Water Utilities. To be submitted to *Water Economics and Policy*.
4. Court, Ch. & **Erfanian, E.** Water and the Regional Studies. To be submitted to *The Review of Regional Studies*.

CONFERENCE PRESENTATIONS

1. **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 Regional Research Association, especial session on opioid crisis. D.C. (Presented by Erfanian) April 2019.
2. Cushing, B., Tomas Sayago Gomez, J., & **Erfanian, E.**. The Impacts of Oil and Gas Developments on the Opioids Overdose Deaths in the U.S. Presented at Southern Regional Research Association, especial session on opioid crisis. D.C. (Presented by Cushing and Gomez) April 2019.
3. **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.
4. **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.
5. **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 Research Association, especial session on opioid crisis. Philadelphia PA. 2018. (Presented by Erfanian) March 2018.
6. **Erfanian, E.** (2018). Ambient Air Pollution and Asthma Hospitalization: Evidence of Pennsylvania Counties. Presented at Southern Regional Research Association. Philadelphia PA. 2018. (Presented by Erfanian) March 2018.
7. **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.
8. **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.
9. **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.
10. **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.
11. **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.
12. **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.
13. **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.
14. **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)
15. 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

Co-recipient of the award for Best Paper in Economics by a Graduate Student at the Academy of Economy and Finance. 54th annual conference. February 2016. 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

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

AFFILIATIONS

Southern Regional Science Association (SRSA)

Northern Regional Science Association (NARSC)

Regional Science Association International (RSAI)

American Economic Association (AEA)

Agricultural and Applied Economics Association (AAEA)

Southern Demography Association (SDA)

REFERENCES

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