

# MUNIB INAM

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## EDUCATION

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**Ph.D. in Agricultural Economics** University of Kentucky, 2025 (Expected)  
*Dissertation:* “Essays on Extreme Weather Events: Analyzing Impacts on Agriculture and Natural Resources in the United States”  
*Committee:* Steven Buck (chair), Tyler Mark, Nicholas Pates, Jason Unrine

**Visiting Graduate Student** University of California, Riverside, 2022

**Master of Arts in Economics** Vanderbilt University, 2020

**Bachelor of Science in Economics** National University of Sciences and Technology, 2017  
*Thesis:* “Determinants of Financial Inclusion and the Associated Barriers in Developing Countries”

## RESEARCH FIELDS

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Agricultural Economics, Water Resource Management, Environmental & Resource Economics, Applied Econometrics

## RESEARCH

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- **Inam, M.** (2025). Measuring Extreme Weather and its Effects on Agricultural Productivity in the United States. [[Job Market Paper](#)].
  - **Inam, M.**, Nemati, M., and Buck, S. (2025). Lot Size Composition and the Welfare Effects of Water Conservation Mandates.
  - **Inam, M.**, Buck, S., McNeil, D., and Alameh-Navalesi, S. (2025). Obstacles to Water Workforce Development in Eastern Kentucky.
  - Ortiz, C., Buck, S., Mark, T., Pates, N., and **Inam, M.** (2025). Ensemble Methods for Used Agricultural Equipment Valuation.
  - **Inam, M.** and Buck, S. (2023). Extreme Weather and Drinking Water Quality: Evidence from Kentucky.

## CONFERENCE PRESENTATIONS

### 2025

- “Measuring Extreme Weather and its Effects on Agricultural Productivity in the United States,” *Heartland Environmental and Resource Economics*, IL
- “Beyond Averages: Sub-daily Extremes and their Impact on Drinking Water Quality,” *Management and Policy Challenges in a Water-Uncertain World*, Austin, TX
- “The Impact of Extreme Weather Events on Drinking Water Quality in Kentucky,” *Kentucky Water Resources Annual Symposium*, Lexington, KY
- “Management and Policy Challenges in a Water-Scarce World: Part II Panel Discussion,” *Universities Council on Water Resources*, Minneapolis, MN
- “The Effects of Drought and Extreme Precipitation on U.S. Corn Yields,” *Universities Council on Water Resources*, Minneapolis, MN
- “The Impacts of Weather Measurement Errors on Agricultural Productivity Estimates,” *Universities Council on Water Resources*, Minneapolis, MN
- “Measuring Extreme Weather and its Effects on Agricultural Productivity in the United States,” *Southern Agricultural Economics Association*, Irving, TX
- “Measuring Extreme Weather and its Effects on Agricultural Productivity in the United States,” *Management and Policy Challenges in a Water-Uncertain World*, Memphis, TN

### 2024

- “The Impact of Extreme Weather on Agriculture in Kentucky, USA,” *Southern Agricultural Economics Association*, Atlanta, GA

### 2023

- “Frequent and Intense Rainfall Events and Implications for Wheat Yields and Profitability in Kentucky,” *Small Grain Growers Associations*, Elizabethtown, KY
  - “Modeling Uncertainty in the Effects of Climate Change on Agricultural Land and Water Use,” *Universities Council on Water Resources*, Fort Collins, CO
  - “Heterogeneous Effects of Housing Lot Size Composition on Water Consumption: Evidence from Water Agencies in California,” *Agricultural and Applied Economics Association*, Washington, DC
- 2022**
- “The Impact of Extreme Weather Events on Water Quality in Kentucky, USA,” *Southern Agricultural Economics Association*, Oklahoma City, OK
  - “Kentucky’s Water Quality and Extreme Weather,” *John P. Wyatt, M.D. Environment and Health Symposium*, Lexington, KY

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#### TEACHING EXPERIENCE

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**Primary Instructor**, University of Kentucky

- International Trade (AEC 309), Fall 2023 - Economic markets for agricultural products, international trade, exchange rates, food security, and sustainability

**Teaching Assistant**, University of Kentucky

- Environmental and Resource Economics, Spring 2022 (Primary Instructor: Dr. Steven Buck)

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#### PROFESSIONAL EXPERIENCE

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- Research Team Member, Appalachian Regional Initiative for Stronger Economies (ARISE), KY, 2025 - Present
- Research Assistant, University of Kentucky, Lexington, KY, 2020 - Present
- Assistant Coordinator, Water Challenges in a Water Scarce World, Fort Collins, CO, 2023
- Assistant Coordinator, Multi-state Research Project W-4190: Management and Policy Challenges in a Water-Scarce World, Slade, KY, 2022
- Research Assistant, Vanderbilt University, Nashville, TN, 2019 - 2020

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#### HONORS AND AWARDS

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- 1<sup>st</sup> place, Job Market Paper Competition, Southern Agricultural Economics Association, 2025
- 3<sup>rd</sup> place, Poster Competition, Southern Agricultural Economics Association, 2023
- James S. and Rosemary Worley Award. Awarded to outstanding graduate student, Vanderbilt University, 2020
- Full-Tuition Merit Scholarship, Vanderbilt University, 2018 - 2020

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#### TECHNICAL SKILLS

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**Programming:** R/RStudio, Python, GIS, Stata, SPSS, Mathematica, L<sup>A</sup>T<sub>E</sub>X, high-performance computing (HPC/SLURM)

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#### REFERENCES

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<b>Steven Buck</b> Associate Professor University of Kentucky <a href="mailto:steven.buck@uky.edu">steven.buck@uky.edu</a>	<b>Nicholas Pates</b> Assistant Professor NDSU <a href="mailto:nicholas.pates@ndsu.edu">nicholas.pates@ndsu.edu</a>	<b>Mehdi Nemati</b> Assistant Professor UC Riverside <a href="mailto:mehdin@ucr.edu">mehdin@ucr.edu</a>	<b>Tyler Mark</b> Professor University of Kentucky <a href="mailto:tyler.mark@uky.edu">tyler.mark@uky.edu</a>
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