

# Mehdi Nemati

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## Research Interests

Agricultural Economics, Environmental and Water Resource Economics, Applied Econometrics

## Education

Ph.D. Candidate Agricultural Economics, University of Kentucky	May 2018 ( <i>Expected</i> )
Visiting Graduate Student Researcher, University of California, Berkeley	Fall Semester 2015
M.S. Economics, University of Kentucky	December 2014
M.S. Agricultural Economics, University of Tehran, Tehran, Iran	May 2013
B.S. Agricultural Economics, University of Kurdistan, Sanandaj, Iran	May 2010

## Research Experience

### Working Papers In Preparation for Peer-Review

Nemati, M. and S. Buck. “Heterogeneous Effects of Real-time Consumption Analytics on Residential Water Consumption.” (*Job Market Paper*).

Nemati, M., S. Buck, and H. Soldati “Enhancing Residential Water Conservation with Mobile Apps.”

Kim, G., M. Nemati, S. Buck, T. Mark. “Recovering Forecast Distributions of Crop Composition: Method and Application to Kentucky Agriculture.”

Nemati, M. and S. Buck. “Valuing Water Supply Reliability with Sensitivity Analysis.”

Nemati, M. and J. Penn. “The Impact of Social Norms, Feedback, and Price Information on Conservation Behavior: A Meta-Analysis of Studies.” *Analysis Phase*

### Under Peer-Review

Buck, S., M. Nemati, and D. Sunding. “Welfare Consequences of the California Drought Mandate.”

Nemati, M., Y. Zheng, and W. Hu. “ISO-14001 Standard Effect on Facilities Environmental Performance: Evidence from the U.S. Transportation Equipment Manufacturers.”

Zare, S., M. Nemati, and Y. Zheng. “A Systematic Review of Consumer Preference for E-Cigarette Attributes: Flavor, Strength, and Type.” Revise & Resubmit: *PLOS ONE*.

Nemati, M., W. Hu, and M. Reed. “Are Free Trade Agreements Good for the Environment? A Panel Data Analysis.” Revise & Resubmit: *Review of Development Economics*.

### Policy Briefs: In Preparation for Non-Peer-Review

Nemati, M., S. Buck, and D. Sunding. “Cost of California’s Conservation Mandate as A Drought Management Policy.”

Nemati, M., S. Buck, and H. Soldati. “Using Mobile Apps to Conserve Water.”

### Peer-Reviewed Publications

Saghaian, S., M. Nemati, C. Walters, and B. Chen. 2018. “Asymmetric Price Volatility Transmission between U.S. Biofuel, Corn, and Oil Markets.” *Forthcoming in Journal of Agricultural and Resource Economics (JARE)*.

## Teaching Experience (University of Kentucky)

Teaching Assistant, Applied Econometrics (grad.)	<i>Spring &amp; Fall 2017</i>
Course Instructor, Intro. To Data Analysis & Mapping with R (two-day boot-camp)	<i>Spring 2017</i>
Course Instructor, Energy Economics (undergrad.)	<i>Spring 2016</i>
Course Instructor, Current Environmental Issues (undergrad.)	<i>Spring 2015</i>
Teaching Assistant, International Trade (grad.)	<i>Fall 2015</i>
Teaching Assistant, Agribusiness Management (undergrad.)	<i>Spring 2013-2016</i>

## Data Trainings and Courses

2017: (1) Applied Computational Economics, AAEA, Chicago, IL. (2) New Opportunities for Environmental Measurement. AERE, Pittsburgh, PA. (3) Water Resources & Policy: Exploring the Risks, Benefits, and Opportunities for Conservation. AAEA, Washington DC.

2016: (1) Big Data in Environmental and Resource Economics. AERE, Breckenridge, CO.

2015: (1) Applied Econometrics (grad.), UC Berkeley, Berkeley, CA. (2) Programming With R, UC Berkeley, Berkeley, CA.

## Grants & Honors

2017: (1) Grant, "Conservation through Behavioral Change" (with Jerrod Penn). Student Sustainability Council at University of Kentucky. \$2500. (2) Travel Grant, "Water Resources & Policy: Exploring the Risks, Benefits and Opportunities for Conservation Workshop." AAEA Trust. \$400. (3) Grant, "Purify the Air Around You Naturally with Indoor Plants" (with Samane Zare). Student Sustainability Council at University of Kentucky. \$1695.

2016: (1) Travel Grant, "AAEA Annual Meeting." AAEA Trust. \$500.

2015: (1) Travel Grant, "International Energy Program Evaluation Conference (IEPEC)." IEPEC Scholarship. \$1,600.

Other: (1) Travel Grant, University of Kentucky Graduate School and Department of Agricultural Economics. \$5,000 (Cumulative). *2014-2017*. (2) 1<sup>st</sup>Place at National Agricultural Economics Entrance Exam (National Champion), Tehran, Iran. *2010*.

## Conference Presentations and Invited Seminars

2017: (1) AAEA Annual Meeting in Chicago, IL. (2) WAEA Annual Meeting in Lake Tahoe, NV. (3) The AERE Session at the WEAI Annual Meeting in San Diego, CA. (4) AERE Annual Meeting in Pittsburgh, PA. (5) The AERE Session at the ASSA Annual Meeting in Chicago, IL (6) SAEA Annual Meeting in Mobile, AL.

2016: (1) AAEA Annual Meeting in Boston, MA. (2) AERE Annual Meeting in Breckenridge, CO. (3) SAEA Annual Meeting in San Antonio, TX.

2015: (1) Department of Agricultural and Resource Economics, UC Berkeley, Berkeley. CA. (2) International Energy Program Evaluation Conference in Long Beach, CA. (3) AAEA Annual Meeting in San Francisco, CA. (4) SAEA Annual Meeting in Atlanta, GA.

## Programming Languages

R, R Geo-Coding, L<sup>A</sup>T<sub>E</sub>X, Stata, QGIS.

## Professional Service

*Reviewer For:* Journal of Agricultural and Applied Economics (JAAE), China Agricultural Economic Review.

Last updated: January 9, 2018