

# Kuan-Ming Huang

PhD Student, Natural Resource Economics

Division of Resource Economics & Management, West Virginia University

## Contact Information

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Room 4437 Agricultural Sciences Building

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## Education

**Ph.D. (In Progress)** Natural Resource Economics, West Virginia University, Morgantown, 2020  
(Expected)

- Advisor: Xiaoli Etienne, PhD
- Dissertation: Three Essays in Applied Econometrics: Energy and Agricultural Economics

**M.S.** Applied Economics, Washington State University, Pullman, 2014

- Advisors: Mark J. Gibson and Andrew J. Cassey, PhD
- Project: Economic Impact Analysis of the Moving of an NBA Team: The Case of King County and Oklahoma County

**M.B.A.** Business Administration, Washington State University, Pullman, 2011

**B.A.** Finance, Washington State University, Pullman, 2010

## Research Interests

- Applied Econometrics
- Consumers' Willingness-to-Pay on Food Safety
- Energy Economics and Finance
- Environmental Economics
- Risk Management

## Dissertation

- "Do Natural Hazards in the Gulf Coast Still Matter for the State-level Natural Gas Prices? Evidence after the Shale Gas Boom"
- "Do Exploitations of Marcellus and Utica Shale Formations Improve Regional Economy in Ohio, Pennsylvania, and West Virginia? A Synthetic Control Analysis"
- "Farmers' Market Customers' Willingness to Pay for Farmers' Market Fresh Produces with Lower Foodborne Risk"

## Working Papers

- “Do Natural Hazards in the Gulf Coast Still Matter for the State-level Natural Gas Prices? Evidence after the Shale Gas Boom” with Xiaoli Etienne
- “Do Exploitations of Marcellus and Utica Shale Formations Improve Regional Economy in Ohio, Pennsylvania, and West Virginia? A Synthetic Control Analysis” with Xiaoli Etienne
- “Farmers’ Market Customers’ Willingness to Pay for Farmers’ Market Fresh Produces with Lower Foodborne Risk” with Xiaoli Etienne and Ana Caludia Sant’Anna

## Conference and Seminar Presentations

- **Huang, K.** and X.L. Etienne. “Do Natural Hazards in the Gulf Coast Still Matter for the State-level Natural Gas Prices? Evidence after the Shale Gas Boom”
  - 2018 Shale Insight Conference (poster, October 2018)
  - Division Seminar, *West Virginia University* (November 2018)
  - 23rd Davis College Student Research Day, *West Virginia University* (March 2019)
  - 58th Annual Meeting of the Southern Regional Science Association, Washington DC, (April 2019)
  - 2019 Agricultural & Applied Economics Association Annual Meeting, Atlanta, Georgia (July 2019)
- **Huang, K.** and X.L. Etienne. “Do Exploitations of Marcellus and Utica Shale Formations Improve Regional Economy in Ohio, Pennsylvania, and West Virginia? A Synthetic Control Analysis”
  - Division Seminar, *West Virginia University* (October 2019)
  - North American Regional Science Council 2019 Conference, Pittsburgh, PA (November 2019)

## Research Experience

**2018- present: Research Assistant**, West Virginia University, Morgantown, WV

- Collect data of shale gas well flows from Marcellus formation
- Research and summarize global resource depletion issues
- Collect data of elk restorations in the U.S.

## Teaching Experience

**2019: Co-Instructor**, West Virginia University, Morgantown, WV

- Agribusiness Accounting, Summer 2019

**2017-2019: Teaching Assistant**, West Virginia University, Morgantown, WV

- Agribusiness Accounting, Fall 2017, 2018, and 2019
- Introductory Agricultural and Agribusiness Economics, Fall 2018

## Other Professional Activities

- **President:** Taiwanese Student Association at West Virginia University, WV 2017 to present
- **Vice President:** Taiwanese Student Association at Washington State University, WA 2011 to 2012
- **Volunteer Computer Lab Assistant:** Skagit Valley College, Mount Vernon, WA 2005

## **Scholarships and Awards**

- Dale Colyer Division of Resource Management Award, West Virginia University, 2019
- Division of Resource Economics & Management Graduate Student Travel Grant, West Virginia University, 2019
- Davis College of Agriculture, Natural Resources and Design Doctoral Student Travel Grant, West Virginia University, 2019

## **Software Proficiency**

GAMS, GIS, Python, SAS, Stata, R, Latex, and Microsoft Office

## **Languages:**

English, Mandarin Chinese, Taiwanese, and Cantonese

## **Professional References:**

### **Xiaoli Etienne, PhD (Major Professor)**

Associate Professor of Resource Economics and Management, West Virginia University

[xletienne@mail.wvu.edu](mailto:xletienne@mail.wvu.edu)

### **Alan Collins, PhD**

Professor of Resource Economics and Management, West Virginia University

[Alan.Collins@mail.wvu.edu](mailto:Alan.Collins@mail.wvu.edu)

### **Feng Yao, PhD**

Associate Professor of Economics, West Virginia University

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### **Levan Elbakidze, PhD**

Associate Professor of Resource Economics and Management, West Virginia University

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