

# HUA WANG

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## FIELDS OF SPECIALIZATION

Agricultural economics, environmental and natural resource economics, ecosystem service valuation, econometric and statistical methods

## EDUCATION

- M.S.**, Applied Statistics, Louisiana State University, 2018
- Ph.D.**, Agricultural Economics, Louisiana State University, 2016
- M.S.**, Agricultural/Resource Economics, Louisiana State University, 2012  
Minor: Environmental Science
- B.S.**, Marketing, Xiangtan University, China, 2002

## PROFESSIONAL EXPERIENCE

- Research Associate, Department of Agricultural Economics, Louisiana State University, 2016-present
- Research Assistant, Department of Agricultural Economics, Louisiana State University, 2009-2016
- Internship, Northern Gulf Institute (NGI) Diversity Internship Program, 2010

## PEER REVIEWED JOURNAL ARTICLES

- Adusumilli, N. and **H. Wang**. *Analysis of Soil Management and Water Conservation Practices Adoption among Crop and Pasture Farmers in Humid-south of the United States*. *International Soil and Water Conservation Research*, 6(2), 79-86, 2018.
- Caffey, R., **H. Wang**, and D. R. Petrolia. *Trajectory economics: Assessing the flow of ecosystem services from coastal restoration*. *Ecological Economics*, 100, 74-84, 2014.

## ORAL PRESENTATIONS AT PROFESSIONAL CONFERENCES

- Wang, H.**, N. Adusumilli, M. Deliberto, and R. Dikitanan. *The Effect of Crops' Price and Yield Change on the Conservation Reserve Program Enrollment*. Oral presentation at the 51<sup>st</sup> Annual Meeting, Southern Agricultural Economics

- Association, February 2-5, 2019, Birmingham, Alabama.
- Adusumilli, N., S. Tanger, **H. Wang**, and M. Kaller. *Assessing Risk Perceptions of Farmers toward Problem Wildlife Impacts on Natural Resources*. Oral presentation at the 51<sup>st</sup> Annual Meeting, Southern Agricultural Economics Association, February 2-5, 2019, Birmingham, Alabama.
- Wang, H.**, K. Walter, and R. Caffey. *Determinants of Participation and Intensity for Commercial-based Activities in Coastal Louisiana*. Oral presentation at the 50<sup>th</sup> Annual Meeting, Southern Agricultural Economics Association, February 3-6, 2018, Jacksonville, Florida.
- Adusumilli, N. and **H. Wang**. *Farmers' Adoption of Conservation Strategies for Nutrient Management and Water Quality Protection in Louisiana*. Oral presentation at the 50<sup>th</sup> Annual Meeting, Southern Agricultural Economics Association, February 3-6, 2018, Jacksonville, Florida.
- Petrolia, D.R., R.H. Caffey, **H. Wang**, I. Georgiou, and M. Miner. “*Benefit-Cost Analysis of Using OCS versus Nearshore Sand for Coastal Restoration*.” Oral presentation at the 87<sup>th</sup> Annual Meeting, Southern Economic Association (SEA), November 17-19, 2017, Tampa, FL.
- Wang, H.**, K. Paudel, and R. Caffey. “*Estimation of Demand for Surf/Marsh Fishing in Louisiana: An Application of the Kuhn-Tucker Model*.” Oral presentation at the 5<sup>th</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), March 20-22, 2016, New Orleans, Louisiana.
- Caffey R.H., **H. Wang**, and D. Petrolia. “*A comparative economic assessment of dredge- and diversion-based land building*.” Oral presentation at the Louisiana Coastal Protection and Restoration Authority, Board of Directors, April 16, 2014, Baton Rouge, LA
- Caffey R.H., **H. Wang**, H., and D. Petrolia. “*A comparative economic assessment of dredge- and diversion-based land building*.” Oral presentation at the Governor’s Coastal Advisory Commission, April 2, 2014, Baton Rouge, LA
- Caffey, R., **H. Wang**, and D. Petrolia. “*A Cost-Benefit Analysis of Ecosystem Service Flows from Coastal Land-Building Methods*.” Oral presentation at the 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), March 24-26, 2013, New Orleans, Louisiana.
- Walter, K., M. Travis, and **H. Wang**. “*Changes in Market Structure in Relation to Increasing Import: The Gulf of Mexico Shrimp Processing Sector*.” Oral presentation at the 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), March 24-26, 2013, New Orleans, Louisiana.
- Wang, H.**, R. Caffey, and D. Petrolia. *An Economic Assessment of Competing Technologies for Coastal Restoration*. Oral presentation at the 44<sup>th</sup> Annual Meeting, Southern Agricultural Economics Association, February 4-7, 2012,

Birmingham, Alabama.

Caffey, R. and **H. Wang**. “*A Comparative Economic Assessment of Land-Building Methods for Coastal Restoration in Louisiana.*” Oral presentation at the 58<sup>th</sup> Management Conference Meeting, Barataria-Terrebonne National Estuary Program (BTNEP), December 7, 2011, Thibodaux, Louisiana.

Caffey, R. and **H. Wang**. “*A Time and Risk Adjusted Assessment of Coastal Restoration in Louisiana.*” Oral presentation at the Office of Coastal Restoration and Protection, Louisiana Department of Natural Resources, November 28, 2011, Baton Rouge, Louisiana.

**Wang, H.** and R. Caffey. “*Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration.*” Oral presentation at the Northern Gulf Institute (NGI) diversity internship summit. Dauphin Island, AL. July 26, 2010, Mobile, Alabama.

#### **POSTER PRESENTATIONS AT PROFESSIONAL CONFERENCES**

**Wang, H.,** R. Caffey, D. Petrolia, and I. Georgiou. “*Economic Comparison of OCS Sand vs. Nearshore Sand for Coastal Restoration Projects.*” Poster presentation at the 50<sup>th</sup> Annual Meeting, Southern Agricultural Economics Association, February 3-6, 2018, Jacksonville, Florida.

**Wang, H.** and K. Walter. “*Factors Affecting Landowners’ Participation in Income-generating Activities: A Double-Hurdle Approach.*” Poster presentation at the 5<sup>th</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), March 20-22, 2016, New Orleans, Louisiana.

**Wang, H.,** H. Niu, and R. Caffey. “*Scaling Hurricane Impacts on Wetland Restoration Project through GIS.*” Poster presentation at the 4<sup>th</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), March 24-26, 2013, New Orleans, Louisiana.

**Wang, H.,** H. Niu, and R. Caffey. “*Conceptualizing Hurricane Impacts on Restoration Projects Using Geographic Information Systems.*” Poster presentation at the 28<sup>th</sup> Annual Louisiana Remote Sensing & GIS Workshop, April 24- 26, 2012, Baton Rouge, Louisiana.

**Wang, H.** and R. Caffey. “*Incorporating Time and Risk Considerations in the Selection of Coastal Restoration Projects.*” Poster presentation at the 3<sup>rd</sup> National Forum on Socioeconomic Research in Coastal System, Challenges of Natural Resource Economics & Policy (CNREP), May 26-28, 2010, New Orleans, Louisiana.

#### **MANUSCRIPTS IN REVIEW AND WORKING PAPERS**

**Wang, H.** and N. Adusumilli. *Length of Ownership and Adoption of National Conservation Initiatives among Row-crop and Pasture Farmers in the Southern United States.* In Review.

- Wang, H.**, K. Paudel, and R. Caffey. *Tourism for Surf/Marsh Fishing in Coastal Louisiana, USA*. In Review.
- Wang, H.**, K. Walter, and R. Caffey. *Factors Affecting Coastal Landowners' Decisions for Income-generating Activities: A Double-hurdle Approach*. In Review.
- Adusumilli, N., S. Tanger, **H. Wang**, and M. Kaller. *Perceptions of Risks towards Damages to Natural Resources from Nonnative Wild Pigs*. In Review.
- Adusumilli, N., S. Tanger, **H. Wang**, and M. Kaller. *Farmer Perceptions about Disease Risks and Management actions related to Nonnative Feral Hogs*. In Review.
- Adusumilli, N., R. Dikitanan, and **H. Wang**. *Effect of Cost-sharing Federal Programs on Adoption of Water Conservation Practices*. In Review.
- Wang, H.** *Dockside-Wholesale Price Spread for Shrimp in Southeast United States*. Working Paper.
- Wang, H.B. and **H. Wang**. *Analysis of Household Seafood Demand in U.S.* Working Paper.

## REFEREE SERVICE

- Environmental Economics (ISSN: 1998-6041)
- Global Ecology and Conservation (ISSN: 2351-9894)
- Journal of Agricultural and Applied Economics (ISSN: 1074-0708)
- Journal of Agricultural Science and Technology (ISSN: 1680-7073)
- Journal of Environmental Management (ISSN: 0301-4797)
- Journal of Finance & Economics (ISSN: 2291-4951)
- Journal of Resources (ISSN: 2079-9276)
- International Journal of Water Resources and Environmental Engineering (ISSN: 2141-6613)
- International Soil and Water Conservation Research (ISSN: 2095-6339)
- Review of Economics & Finance (ISSN: 1923-7529)
- The Science of the Total Environment (ISSN: 0048-9697)

## ASSOCIATIONS

- Member: Editorial Board of the Journal of Environmental Economics (2018)
- Institute of Mathematical Statistics (2018)
- Southern Agricultural Economics Association (2017-present)
- Center for Natural Resource Economics & Policy (2009-present)
- Agricultural Economics Graduate Student Association, Louisiana State University (2009-2016)

## FUNDED

- Southern Agricultural Economics Association (SAEA) Travel Grant. Economics of Land Use, Production Systems and Crop Rotation. Louisiana State University, Department of

Agricultural Economics and Agribusiness, Louisiana State University. \$1,523, 2018.

Caffey, R.H. and **H. Wang**. Economic Assessment of Rapid Land-Building Technologies for Coastal Restoration, NOAA-Northern Gulf Institute, Summer Internship Program, \$5000, May-August 2010.

#### **HONORS/ RECOGNITION**

Outstanding Ph.D. Student Award, Louisiana State University, Department of Agricultural Economics and Agribusiness, 2016

Graduate Student Travel Award, Louisiana State University, Department of Agricultural Economics and Agribusiness, 2012

Outstanding B.S. Senior Thesis Award, Xiangtan University, 2002

Scholarship, Business School of Xiangtan University, 2001