

# Haiyan Liu

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## Education

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- Ph.D. Agricultural and Applied Economics, University of Georgia** 2017  
Dissertation: *“Essays on the Negative Externalities of Energy Development: Perception and Realization”*  
Committee: Susana Ferreira (Chair), John Bergstrom, Berna Karali, Brady Brewer
- M.S. Agribusiness and Applied Economics, North Dakota State University** 2013  
Thesis: *“Food Away from Home Consumption in Urban China: Expenditure and Quality”*  
Committee: Thomas I. Wahl (Chair), Won Koo, Saleem Shaik
- M.S. Agricultural Economics, Chinese Academy of Sciences** 2012  
Thesis: *“The Impact of Warehouse Condition and Liquidity Constraint on Farmers' Maize Sale Activities in China”*  
Advisor: Zhigang Xu
- B.S. Agricultural Economics & Management, Northwest A & F University** 2009  
Thesis: *“The Sluggish Growth of China's Farmland Rental Market”*  
Advisor: Zhigang Xu

## Professional Experience

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Postdoctoral Fellow	with Roy Brouwer	University of Waterloo	2017 –
Research Assistant	for Susana Ferreira	University of Georgia	2013 – 2017
Math Tutor	Athletic Association	University of Georgia	2015 – 2017
Teaching Assistant	Agribusiness Management	University of Georgia	2015
Guest Lecturer	First Year Odyssey 21568		2015
Teaching Assistant	Microeconomics	University of Georgia	2014
Research Assistant	for Thomas Wahl	North Dakota State University	2011 – 2013
Research Assistant	for Zhigang Xu	Chinese Academy of Sciences	2008 – 2012

## Fields of Interest

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Environmental, Resource, Energy, and Development Economics

## Journal Publications

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- Liu, H.**, Wahl, T. I., Seale, J. L., and Bai, J. (2015). Household Composition, Income, and Food-Away-From-Home Expenditure in Urban China. *Food Policy*, 51, 97-103.
- Bai, J., Xu, Z., Qiu, H., and **Liu, H.** (2015). Optimizing Seed Portfolios to Cope Ex ante with Risks from Bad Weather: Evidence from a Recent Maize Farmer Survey in China. *Australian Journal of Agricultural and Resource Economics*, 59(2), 242-257.
- Sun, D., Qiu, H., Bai, J., **Liu, H.**, Lin, G., and Rozelle, S. (2013). Liquidity Constraints and Postharvest Selling Behavior: Evidence from China's Maize Farmers. *The Developing Economies*, 51(3), 260-277.
- Liu, H.**, Bai, J., Qiu, H., Xi, Y., and Xu, Z. (2011). The Impact of Warehouse Condition and Liquidity Constraint on Farmers' Maize Sale Activities in China. *Management World* 11:66-75.
- Ma, R., **Liu, H.**, Qiu, H., and Xu, Z. (2011). The Sluggish Growth of China's Land Rental

Market: Lack of Economic Incentives or Constrained by External Market. *Chinese Rural Economy* 11:36-48.

Deng, H., Xu, Z., and Liu, H. (2010). The Development of China's Agricultural Cooperatives: Performances and Constraints. *Modern Economic Research* 8:55-59.

### **Papers Currently Under Review**

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“The Housing Market Impacts of Wastewater Injection Induced Seismicity Risk.” with Susana Ferreira and Brady Brewer. (*R&R at Journal of Environmental Economics and Management*)

“Hurricanes as Information Shocks? A Comparison of the Impact of Hurricanes on Stock Returns of Energy Companies.” with Susana Ferreira and Berna Karali. (*Resource and Energy Economics*)

### **Work In Progress**

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“Human Health Care Costs of Shale Gas Development.” (*Public Health*)

“Avoiding Natural or Unnatural Disaster Risk? Evidence from Tornadoes and Earthquakes in Oklahoma.” with Xiao Lin. (*Natural Hazards*)

“Benefits of Reducing Eutrophication in the Upper Great Lakes.” with Roy Brouwer, and Zhongxiao Leng. (*Journal of Great Lakes Research*)

“Cost-Effectiveness Analysis of BMPs in the Great Lakes Watersheds.” with Roy Brouwer, and Xingtong Ji. (*Journal of Environmental Economics and Policy*)

“Socio-Economic Valuation of Great Lakes Basin Ecosystem Services.” with Roy Brouwer. (*Ecological Economics*)

### **Report**

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Brouwer, R., Liu, H., and Neverre, N. (2017). “A Survey of Hydro-Economic Models in Canada.” The Water Institute, University of Waterloo, Waterloo, ON, Canada.

### **Awards**

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Rod Ziemer Ph.D. Outstanding Paper, University of Georgia	2017
Outstanding Ph.D. Student, University of Georgia	2017
Summer Doctoral Research Fellowship, University of Georgia	2017
Global Programs International Travel Award, University of Georgia	2017
Graduate School Travel Grant, University of Georgia	2015, 2016
Travel Grant, International Association of Agricultural Economists	2015
AAEA Trust Graduate Student Travel Grant	2012
Frank Bain Graduate Student Scholarship, NDSU	2012
Excellent Volunteer, International Association of Agricultural Economists	2009
Outstanding Graduate, Northwest A & F University	2009
National Inspiration Scholarship, Northwest A & F University	2007, 2008
Outstanding Student, Northwest A & F University	2006, 2007, 2008
Top Ten Outstanding Student, Northwest A & F University	2007

### **Presentations**

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- 2017 Annual Conference of the European Association of Environmental and Resource Economists, Athens, Greece
- 2016 Southern Economics Association Annual Meeting, Washington, DC;  
Agricultural and Applied Economics Association Annual Meeting, Boston, MA;  
Department of Agricultural and Applied Economics, University of Georgia.
- 2015 Southern Economics Association Annual Meeting, New Orleans, LA;  
International Conference of Agricultural Economists, Milan, Italy;  
Southern Agricultural Economics Association Annual Meeting, Atlanta, GA.

- 2013 Agricultural and Applied Economics Association Annual Meeting, Washington, DC.  
2012 Agricultural and Applied Economics Association Annual Meeting, Seattle, WA;  
North Dakota State University, Social and Behavioral Sciences Conference, Fargo,  
ND.

### **Journal Referee**

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*Environment and Development Economics, Development Southern Africa, China Agricultural Economic Review*

### **Member of Professional Societies**

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Agricultural and Applied Economics Association, American Economic Association, Association of Environmental and Resource Economics, European Association of Environmental and Resource Economists, Canadian Economics Association, Southern Economic Association

### **Computer and Language Skills**

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Computer: Stata, R, SAS, Python, ArcGIS, SQL, Matlab, Microsoft Office, LaTeX

Language: English (fluent), Chinese (native)