

# 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)