

Yongjie Ji

Iowa State University
Center for Agricultural and Rural Development
Department of Economics
567 Heady Hall
Ames, IA 50011

Phone: (515) 294-2840 (O)
(515) 203-1712 (C)
Fax: (515) 294-0221
Email: yongjiej@iastate.edu
Homepage: <http://goo.gl/L1Uwzz>



Education

- Ph.D. Economics, Iowa State University, 2007- 2013
Dissertation Title: Three Essays on Environmental Economics and Energy Economics
- M.S. Human Geography, Chinese Academy of Sciences, China 2005
- B.S. Atmospheric Science, Peking University, China 2002
- B.A. Economics, Peking University, China 2002

Research Interests

Agricultural Economics, Applied Microeconometrics, Energy Economics, Environmental and Resource Economics, Non-market Valuation

Profession

- Post-Doc Associate, Center for Agricultural and Rural Development at Iowa State University, Sep, 2013 - Present
- Pre-Doc Associate, Center for Agricultural and Rural Development at Iowa State University, Aug, 2012 - Aug, 2013
- Research Associate (Supervised under Prof. Jintao Xu), World Bank DC, Oct, 2011 - Jul, 2012
- Research Assistant in College of Environmental Sciences, Peking University, China, Jun, 2006 - Jul, 2007
- Research Assistant in Center of Chinese Agricultural Policy, Chinese Academy of Sciences, China, Jul, 2005 - May, 2006
- Members of AEA, AAEA and AERE

Journal Articles

English

1. Modeling Recreation when Access Points are Unknown. (with Joseph Herriges and Catherine L. Kling), *American Journal of Agricultural Economics* (forthcoming)
2. Post-reform Forestland Markets in China (with Jintao Xu and Juha Siikamaki) *Land Economics* 2015 91(2), pp. 211-234
3. Effective Pollution Control Policy for China. (with Jintao Xu and William F. Hyde) *Journal of Productivity Analysis* 2010 33(1), pp 47-66

Chinese

1. Environmental Policies and Firms' Technical Efficiency: Exemplified with Paper Mills (with Jintao Xu) *Journal of Beijing Forestry University (Social Sciences)*, 2006 5(2), pp.78-82

2. Empirical Study of Reform and Development in the Key State-owned Forest Area. (with Xuemei Jiang and Jintao Xu) *Forestry Economics* 2006 1 pp. 10-15
3. Residential Water Demand Analysis in North China. (with Xiaoguang Chen and Jintao Xu) *Journal of Natural Resources* 2007 22(2), pp. 275-280
4. Villagers' Preference, Election Quality and Rural Electoral System in China - An Alternative Approach of Measuring Election Quality and it's Application. (with Zhigang Xu, Ran Tao and Mingxing Liu) *China Agricultural Economic Review* 2007 5(1), pp. 14-27

Working Papers

1. Estimating Adoption of Cover Crops Using Preferences Revealed by a Dynamic Crop Choice Model. (with Sergey Rabotyagov and Adriana Valcu-Lisman) 2015
2. Crop Choice, Climate Change and Rotational Effects: A Dynamic Model of Land Use in Iowa Recent Years. (with Sergey Rabotyagov) 2014
3. Modeling Recreation with Partial Trip Information (with Joseph Herriges and Catherine L. Kling) 2013
4. Carbon Tax, Wind Energy and GHG reduction: ERCOT as An Example. (with James B. Bushnell) 2013
5. Empirical Analyses of Forest Tenure Choice in China. (with Jintao Xu, Klaus Deiginger and Juha Siikamaki) 2013
6. Forest Tenure Reform, Economic Crisis and Rural Household Labor Re-location Decision in China. (with Jintao Xu, Klaus Deiginger and Juha Siikamaki) 2013
7. The Environment, Trade and Innovation with Heterogeneous Firms: A Numerical Analysis. (with Jingbo Cui) 2011
8. Do Large Firms with More Technologies Pay More. (with Li Yu) 2010

Other Publication

1. Understanding the Usage Patterns and Most Desirable Characteristics of Iowa's Rivers and Streams. (Project Report)
2. Agricultural Land Use Change in the Corn Belt. (with Jimena Gonzalez-Ramirez) *CARD Agricultural Policy Review* 2015 Vol. 2015: Iss. 2, Article 1.
3. Degraded water quality in lakes: consequences for use. (with HoCheol, Jeon and Catherine L. Kling) *CARD Agricultural Policy Review* Fall 2015 Vol.2015: Iss. 10-11.

Papers in Processing

1. Crop Choice, Rotational Effects and Water Quality Consequence in Up-Mississippi River Basin: Connecting SWAT Model with Dynamic Land Use Model. (Joint with Sergey Rabotyagov and Catherine Kling)
2. Does the Choice Set Matter? Aggregation and Energy Paradox, Evidence from Monte Carlo Simulations (Joint with Jeon Hocheol)

Conference Presentation

1. 2011 W2133 Annual Meeting at Albuquerque, NM; 2011 MEA Annual Meeting at St.Louis, Missouri. "Modeling Recreation when Access Points are Unknown"

2. 2011 1st AERE Annual Meeting at Seattle, Washington. "Modeling Recreation with Partial trip information"
3. 2014 AAEA Annual Meeting at Minneapolis, MN; "Crop Choice, Climate Change and Rotational Effects: A Dynamic Model of Land Use in Iowa Recent Years.", "Crop Choice, Rotational Effects and Water Quality Consequence in Up-Mississippi River Basin: Connecting SWAT Model with Dynamic Land Use Model."(Poster)
4. 2015 AAEA Annual Meeting at San Francisco, CA; "Estimating Adoption of Cover Crops Using Preferences Revealed by a Dynamic Crop Choice Model"
5. 2015 AERE Annual Meeting at San Diego, CA; "Crop Choice, Rotational Effects and Water Quality Consequence in Up-Mississippi River Basin: Connecting SWAT Model with Dynamic Land Use Model."(Poster)

Data Visualization Work

1. Interactive Iowa County Map on Iowa Land Value Survey
Link:<http://www.card.iastate.edu/land-value/interactive-county-maps/>
2. Iowa Lake Survey 2014 Interactive Map
Link: http://www.card.iastate.edu/ag_policy_review/f15-lakes/

Software Skills

Statistical: Matlab, STATA, R, GAUSS
Optimization: AMPL, GAMS
Office: MS Office, Latex
Other: ArcGis, Javascript, D3js, Python

Languages

Chinese (native), English (fluent)