

Yixuan Gao

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Education

Ph.D. in *Agricultural, Food, and Resource Economics*, **Michigan State University**, May 2023 (expected)

Committee: Robert Myers (Chair), Jinhua Zhao, Aleks Schaefer, Soren Anderson

M.S. in *Natural Resources*, **University of New Hampshire**, 2016-2018

M.A. in *Economics*, **Beijing Institute of Technology**, 2013-2016

B.A. in *Economics*, **China Agricultural University**, 2009-2013

Peer-reviewed Publications

Gao, Yixuan, Trey Malone, K. Aleks Schaefer, and Robert J. Myers. Disentangling Short-Run COVID-19 Price Impact Pathways in the US Corn Market (Accepted at *Journal of Agricultural and Resource Economics*). [Link]

Liu, Yiming, **Yixuan Gao**, and Yu Hao. 2019. Gospel or disaster? An empirical study on the environmental influences of domestic investment in China. *Journal of Cleaner Production* 218: 930-942. [Link]

Liao, Hua, Ce Wang, Yanan Liu, **Yixuan Gao**, and Fangzhi Wang. 2019. Revision on China's energy data by sector and fuel type at provincial level. *Energy Efficiency*. 12(4): 849-861.[Link]

Liu, Yiming, Yu Hao, and **Yixuan Gao**. 2017. The environmental consequences of domestic and foreign investment: Evidence from China. *Energy Policy* 108: 271-280. [Link]

Liao, Hua, Yanan Liu, **Yixuan Gao**, Yu Hao, Xiao-Wei Ma, and Kan Wang. 2017. Forecasting residential electricity demand in provincial China. *Environmental Science and Pollution Research* 24(7): 6414-6425. [Link]

Liu, Yanan, **Yixuan Gao**, Yu Hao, and Hua Liao. 2016. The Relationship between Residential Electricity Consumption and Income: A Piecewise Linear Model with Panel Data. *Energies* 9(10): 831. [Link]

Hao, Yu, Yiming Liu, Jia-Hsi Weng, and **Yixuan Gao**. 2016. Does the Environmental Kuznets Curve for coal consumption in China exist? New evidence from spatial econometric analysis. *Energy* 114: 1214-1223. [Link]

Gao, Yixuan, Hua Liao, Paul J. Burke, and Yi-Ming Wei. 2015. Road transport energy consumption in the G7 and BRICS: 1973-2010. *International Journal of Global Energy Issues* 38(4/5/6): 342-356.[Link]

Liao, Hua, **Yixuan Gao** and He Ling-Yun. 2015. The Pass-through Effect of RMB Exchange Rate Movements on Chinese Domestic Prices – Analysis based on Time Serial Input-output Tables. *Journal of Beijing Institute of Technology (Social Sciences Edition)* 03: 83-91. (In Chinese)[Link]

Gao, Yixuan, Su Bao-Zhong and Gao Fei. 2012. New rural pension system of China: Is it possible? An exploratory study of Feidong County, Anhui Province. *Journal of Cambridge Studies* 7(3): 122-132. [Link]

He, Ling-Yun and **Yixuan Gao**. 2012. Including Aviation in the European Union Emissions Trading Scheme: Impacts on Industries, Macro-economy and Emissions in China. *International Journal of Economics and Finance* 4(12): 91-97. [Link]

Working Papers and Papers Under Review

Gao, Yixuan, K. Aleks Schaefer, and Robert J. Myers. Estimating the Price Impact of the EU Ban on Palm Oil for Biodiesel Production.

Gao, Yixuan and Hua Liao. Patterns of Road Energy Use and Its Implications for Forecasting in Four Developing Countries.

Gao, Yixuan and Shadi S. Atallah. The Bioeconomics of Shade-Grown Coffee Production under Climate and Price Risks in Puerto Rico.

Work in Progress

The Distributional Effects of Residential Rooftop Solar Panel Adoptions. **Yixuan Gao** and Jinhua Zhao

Estimating the Economic Impacts of National Bioengineered Food Disclosure Standard. **Yixuan Gao**, John Bovay, and K. Aleks Schaefer

Book Chapters

“General situation of energy development in world” Ch1.1 and “Characteristics of China’s energy development” Ch1.2.1 in *China Energy Report 2014: Energy Poverty Research*. Beijing: Science Press, 2014. (In Chinese)

“General situation of China’s energy development” Ch1.4 and “The new changes and pattern of energy development in China” Ch1.5 in *China Energy Report 2016: Energy Market Research*. Beijing: Science Press, 2016. (In Chinese)

Presentations

The 12th Annual MSU/UM/WMU Energy and Environmental Economics Day. East Lansing, August 2022

Michigan Agricultural Credit Conference, East Lansing, October 2021

The 7th Congress of The East Asian Association of Environmental and Resource Economics (EAAERE), Singapore, August 2017

2017 North Agricultural and Resource Economics Association (NAREA) Annual Meeting, Washington, D.C., June 2017

Awards

NAREA Outstanding Master's Thesis Award, 2018

Distinguished Graduation Thesis in Beijing Institute of Technology, 2016

National Scholarship (by Ministry of Education of China), 2015-2016, 2010-2011

Distinguished Graduate Award, China Agricultural University, 2013

An Xi-Ji Research Award in Agricultural Economics, 2013

National Undergraduate Research Project (funded by Ministry of Education of China), 2012-2013

Teaching Experience

Teaching Assistant, EEM 255: Ecological Economics, Michigan State University, Spring 2020

Teaching Assistant, ABM 225: Commodity Marketing I, Michigan State University, Fall 2019

Teaching Assistant, NR 643: Economics of Forestry, University of New Hampshire, Spring 2018

Teaching Assistant, NR 435: Contemporary Conservation Issues, University of New Hampshire, Fall 2016 and Fall 2017

Teaching Assistant, EREC 411: Environmental and Resource Economics Perspectives, University of New Hampshire, Spring 2017

Referee Service

Science of the Total Environment, Journal of Cleaner Production

Programming Skills

Stata, Python, Matlab, Anylogic, Mathematica, Gauss, Nlogit, SAS, GemPack