

# Yabin Da

Assistant Professor in Agricultural Economics

59 Zhongguancun St, Haidian District, Beijing, China, 100872

✉ [dayabin@ruc.edu.cn](mailto:dayabin@ruc.edu.cn) 🌐 [yabin-da.com](http://yabin-da.com) | Updated: Apr. 21, 2023

## Current Appointment

**Renmin University of China,**  
School of Agricultural Economics and Rural Development  
Assistant Professor

**China**

Sep 2022 -

## Education

**Texas A&M University,**  
Department of Agricultural Economics, Ph.D.

**United States**

Aug 2017 - May 2022

- Advisor: Dr. Bruce McCarl (University Distinguished Professor, participant in the 2007 Nobel Peace Prize to the IPCC)
- Dissertation: Three essays on ozone pollution, biofuel production, and climate change

**Beijing Institute of Technology,**  
School of Economics and Management, M.A.

**China**

Sep 2012 - March 2015

**North China University of Science and Technology,**  
School of Management, B.A.

**China**

Sep 2008 - June 2012

## Research Areas

Environmental Economics, Climate Change, Applied Econometrics

## Selected Publications

# indicates a shared first authorship.

Jinghao Li, Xiaohan Li, **Yabin Da**, Jiali Yu et al. Sustainable Environmental Remediation using Biomimetic Multifunctional Lignocellulosic Material. *Nature Communications* 13 (2022): 4368.

Yujiao Xian, Qian Wang, Wenrong Fan, **Yabin Da**, Jingli Fan. The impact of different incentive policies on New Energy Vehicle demand in China's gigantic cities. *Energy Policy* 168 (2022): 113137.

**Yabin Da**, Yangyang Xu, Bruce McCarl. Effects of ozone and climate on historical (1980-2015) crop yields in the United States: Implication for mid-21st century projection. *Environmental and Resource Economics* 81 (2022): 355-378.

Jingli Fan, Xian Zhang, Kai Li, Jiawei Hu, Klaus Hubacek, **Yabin Da**, et al. Measuring sustainability: Development and application of the inclusive wealth index in China. *Ecological Economics* 195 (2022): 107357.

Hao Zhang<sup>#</sup>, **Yabin Da**<sup>#</sup>, Xian Zhang, Jingli Fan. The impacts of climate change on coal-fired power plants: evidence from China. *Energy & Environmental Science* 14 (2021): 4890 - 4902.

Jingli Fan<sup>#</sup>, **Yabin Da**<sup>#</sup>, Bin Zeng et al. How do weather and climate change impact the COVID-19 pandemic? Evidence from the Chinese mainland. *Environmental Research Letters* 16 (2020): 1-12.

Jingli Fan, **Yabin Da**, Silai Wan et al. Determinants of carbon emissions in 'Belt and Road Initiative' countries: A production technology perspective. *Applied Energy* 239 (2019): 268-279.

Yuejun Zhang, **Yabin Da**. The decomposition of energy-related carbon emission and its decoupling with economic growth in China. *Renewable and Sustainable Energy Reviews* 41 (2015): 1255-1266. **Clarivate ESI Highly Cited Paper.**

Bin Ouyang, Chunchao Chu, **Yabin Da** et al. Highway flood disaster risk evaluation and management in China. *Natural Hazards* 75 (2015): 391-397.

Yuejun Zhang, Aodong Wang, **Yabin Da**. Regional allocation of carbon emission quotas in China: Evidence from the shapley value method. *Energy Policy* 74 (2014): 454-464.

Yuejun Zhang, **Yabin Da**. Decomposing the changes of energy-related carbon emissions in China: Evidence from the PDA approach. *Natural Hazards* 69 (2013): 1109-1122.

## Selected Working Papers

# indicates a shared first authorship.

**Yabin Da**<sup>#</sup>, Bin Zeng<sup>#</sup>, Jingli Fan. Heterogeneities in the impacts of climate change on residential electricity consumption: Evidence from China. *R & R in Climatic Change*.

**Yabin Da**, Yangyang Xu, Fujin Yi, Bruce McCarl. Climate change and winter wheat yields: The roles of freezing days and long-run adaptations. Under review.

## Teaching

Intermediate Macroeconomics, Renmin University of China 2023 Spring

AGEC 641 Lab, Texas A&M University 2021 Spring

## Research Grants

Climate change and food security in China: Implication and economics 2019-2021

- Principal Investigator, funded by the IPCC and the Cuomo Foundation (\$34,000)

## Previous Experience

June 2021 - Aug 2021, Ph.D. Intern at GAMS (worked on the GAMS MIRO project)  
Jan 2018 - Dec 2021, Research Assistant for Dr. Bruce McCarl at TAMU  
May 2015 - July 2017, Editor at China Human Resources & Social Security Publishing Group Co., Ltd.

## Conference

### 2021

Paper Presentation, Sino-American Youth Dialogue

Paper Presentation (Lighting Session), AAEA&WAEA Joint Annual Meeting

Paper Presentation, The Annual Conference of AES, **Winner of the Best Ph.D. Presentation**

Paper Presentation, EGU General Assembly

### 2020

Poster Presentation at AAEA, Online

## Honors and Awards

Texas A&M University Full Assistantship, 2018-2021

Best Ph.D. Presentation at AES, 2021

The Fifth Round of IPCC Scholarship Awards 2019

Excellent Graduate Student (Master's), Beijing Institute of Technology, 2014

National Graduate Scholarship, Ministry of Education of China, 2013 & 2014

## **Referee Experience**

Environmental and Resource Economics, Energy Economics, Energy Policy, PLOS One, Structural Change and Economic Dynamics, Environmental Research Letters, Journal of Cleaner Production, Applied Energy, Forestry Economics Review, Technological Forecasting & Social Change, Business Strategy and the Environment, International Journal of Finance and Economics, Corporate Social Responsibility & Environmental Management, Heliyon (Cell press), Future Business Journal.