

# Yabin Da

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Ph.D. Candidate in Agricultural Economics  
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## Education

**Texas A&M University,** **United States**  
Department of Agricultural Economics, Ph.D. Aug 2017 - May 2022 (Expected)

- Advisor: Dr. Bruce McCarl (University Distinguished Professor, participant in the 2007 Nobel Peace Prize to the IPCC)

**Beijing Institute of Technology,** **China**  
School of Economics and Management, M.A. Sep 2012 - March 2015

- Advisor: Dr. Yuejun Zhang (Professor, Associate Dean of Business School of Hunan University)

**North China University of Science and Technology,** **China**  
School of Management, B.A. Sep 2008 - June 2012

## Research Areas

Environmental Economics, Climate Change, Agricultural Economics, Applied Econometrics,

## Research Grants

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

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

## Selected Publications

# indicates a shared first authorship.

**Yabin Da**, Yangyang Xu, Fujin Yi, Bruce McCarl. Are climate change damages on winter wheat overstated: Evidence from China. **Job Market Paper**. Under revision in *Journal of Environmental Economics and Management*. [Link](#).

**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* in press. [Link](#).

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. Accepted in *Ecological Economics*.

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. [Link](#).

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. [Link](#).

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. [Link](#).

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**. [Link](#).

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

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. **Clarivate ESI Highly Cited Paper**. [Link](#).  
 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. [Link](#).

## Selected Working Papers

# indicates a shared first authorship.

Bin Zeng<sup>#</sup>, **Yabin Da**<sup>#</sup>, Jingli Fan. Heterogeneities in the impacts of climate change on residential electricity consumption: Evidence from China. Under review in *Energy Journal*.

Jinghao Li, Xiaohan Li, **Yabin Da**, Jiali Yu et al. Sustainable Environmental Remediation using Biomimetic Multifunctional Lignocellulosic Material. Under revision in *Nature Communications*.

## Research Experience

Research Assistant for Dr. Bruce McCarl on USDA Dairy Project,	Jan 2018 - Aug 2018
Research Assistant for Dr. Bruce McCarl on DOE Biofuel Project,	Sep 2018 - May 2020
Research Assistant for Dr. Bruce McCarl on USDA NRCS Project,	June 2020 - Dec 2021

## Teaching Experience

AGEC642 Lab (Graduate Level), Department of Agricultural Economics,	Spring 2021
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## 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
National Graduate Scholarship, Ministry of Education of China,	2013 & 2014

## Departmental Services

Committee Member, the 6th AGEC Applied Economic Research Symposium,	2019
GPSC Representative, AGEC Graduate Student Association,	2018
Seminar Committee, Department of Agricultural Economics,	2018

## Referee Experience

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