

# 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. 2017 - 2021 (Expected)

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

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

- Advisor: Dr. Yuejun Zhang

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

## Research Areas

Environmental Economics, Applied Econometrics, Agricultural Economics

## Research Grants

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

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

## Selected Publications

# indicates a shared first authorship.

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. **Clarivate ESI Highly Cited Paper.**

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

**Yabin Da**, Yangyang Xu, Fujin Yi, Bruce McCarl. Are climate change damages on winter wheat overstated: Evidence from China. *Job Market Paper*. Under review at JEEM.

**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. Revised and resubmitted to *Environmental and Resource Economics*.

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. Revised and resubmitted to *Ecological Economics*.

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 at *Energy Journal*.

Jinghao Li, Xiaohan Li, **Yabin Da**, Jiali Yu et al. Sustainable Environmental Remediation using Biomimetic Multifunctional Lignocellulosic Material. Submitted to *Science*.

## Teaching

AGEC642 Lab (Graduate Level), Department of Agricultural Economics,

Spring 2021

## Conference

**2021**. Paper Presentation (Lighting Session), AAEE&WAEA Joint Annual Meeting; Paper Presentation, The Annual Conference of AES, **Winner of the best Ph.D. Presentation**, Online; Paper Presentation, EGU General Assembly.

**2020**. Poster Presentation at AAEE, 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 AGECE Applied Economic Research Symposium,

2019

GPSC Representative, AGECE Graduate Student Association,

2018

Seminar Committee, Department of Agricultural Economics,

2018

## Referee Experience

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)

## References

Available upon request