

# Mingwei Yu

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## Education

**National University of Singapore, Singapore**

2024 Aug - Now

**PhD in Economics**

Advisee to Prof. Alberto Salvo

*Academic focus/ background:*

Climate change, industrial organization, electricity market, carbon market, food economics

**Renmin University of China, Beijing, China**

2021 Sep - 2024 Jun

**MA in Energy Economics**

Advisee to Prof. Feng Song

**Renmin University of China, Beijing, China**

2017 Sep - 2021 Jun

**BS in Chemistry, GPA 3.81/4.0 (rank: 2/22)**

**BA in Economics (minor), GPA 3.83/4.0**

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## Publications

1. **Yu, M.**, Xia, F., Su, L., & Song, F. (2025). Climate change, electricity reliability, and energy structure: County-level evidence from China. *China Economic Review*, 94.

## Working Papers

- “The Promotion of Renewable Energy Share: Integration Cost and Long-run Equilibrium”
- “The Reliability and Welfare Impacts of Market-Based Demand Response against Extreme Weather” with Hao Chen and Boyan Zhang

## Works in Progress

- “Defensive Adaptation to Climate Change: Evidence from Air Conditioning Adoption Behaviors in the US”
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## Teaching Experience

**National University of Singapore**

2025 Jul - Now

**Teaching Assistant**

- Econ Math Camp (2025)
- EC5303 Econometric Analysis (2025 Fall)

**Renmin University of China, Beijing, China**

2020 Sep - 2024 Jan

**Teaching Assistant**

- Principles of Microeconomics (2020 Fall)
  - Advanced Microeconomics (2022 Fall, 2023 Fall)
  - Advanced Microeconomics II: Game Theory (2023 Spring)
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## Research Experience

**National University of Singapore**

2025 Jan - Now

**Research Assistant**

- *Smart Road Pricing and Food-Health-Climate Experiments*
- *Cutting Private and Social Waste in Corporate Travel*

**Research Assistant**

- *Electricity Market Design and Market Reform from the Perspective of Promoting and Adapting to Large-Scale Consumption of New Energy*

(Key Programs of the National Social Science Foundation)

- *Study on Electricity System and Tariff Reform under the background of 14<sup>th</sup> Five-Year Plan*

(Project of the Price Division of the National Development and Reform Commission)

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**Additional Info and Awards**

- Skilled at Stata, LaTeX, Matlab, Microsoft Word, Excel, PowerPoint
- Best First Year PhD Performance (1/12), NUS
- GRE (Mar 2023): V161 Q167 AW4.0
- Academic Excellence Scholarship, RUC, 2022
- Outstanding students, RUC, 2019
- Second-class Academic Scholarship, RUC, 2018 and 2020

**Languages**

Chinese, English;

Portuguese (basic conversational proficiency)

**Hobbies**

Chess (Chess.com rapid 1820, Lichess rapid 1950), Efootball (Division 1)