

Mingwei Yu

Tel +65 8107 8022, Email: mingwei.yu@u.nus.edu

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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

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

- “Estimating Willingness to Pay for Tackling Climate Change Impacts: Evidence from Air Conditioning Adoption Behaviors”
-

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)

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*

Renmin University of China

2020 Sep - 2024 Jun

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 14th Five-Year Plan*

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

Additional Info and Awards

- Skilled at Stata, LaTeX, Matlab, Python, 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 (native), English (full proficiency), Portuguese (limited proficiency)

Hobbies

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