

RUIHUA GUO

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EDUCATION

National University of Singapore, Business School Ph.D. in Real Estate	Aug. 2025 - Singapore
Cornell University, Charles H. Dyson School Master of Science in Applied Economics and Management (MS AEM)	Aug. 2023 - Jun. 2025 Ithaca, U.S.A.
China Agricultural University Bachelor of Economics in International Economics and Trade	Aug. 2018 - Jun. 2022 Beijing, China

RESEARCH INTERESTS

Urban Economics, Environmental Economics, Industrial Organization, Causal Inference

WORKS IN PROGRESS

Weathering the Storm: Urban Consumption Responses and Resilience to Tropical Cyclones in China
Ruihua Guo, Binglin Wang

- Accepted to IREUS Urban Housing Symposium 2026, Poster Session
- Accepted to 2026 CAERE 5th Annual Conference
- Accepted to 2026 CES China Annual Conference

How Subsidized Shared Transport Shapes Urban Mobility Patterns? Evidence from Cellphone Mobility Data in Los Angeles
Ruihua Guo, Jingwei Zhang and Wengdong Zhang

TEACHING EXPERIENCE

NUS Business School, National University of Singapore

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| • <i>BMS5802 Real Estate Finance</i> , Teaching Assistant | 2026 |
| • <i>RE3701 Real Estate Investment Analysis</i> , Teaching Assistant | 2025 |
| • <i>BMG5104/RE3905 Economics of Sustainability</i> , Teaching Assistant | 2025 |

S.C. Johnson College of Business, Cornell University

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| • <i>AEM5275 Introduction to Machine Learning in Business</i> , Course Assistant | 2025 |
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RESEARCH EXPERIENCE

Institute of Energy, Environment, and Economy, Tsinghua University Oct. 2023 – Jul. 2025
Research Assistant, supervised by Prof. Hailin Wang Remote

- **Research Work:** Case studies, literature reviews, and data analysis around several topics, include Carbon Border Adjustment Mechanism (CBAM), carbon emission in road transportation, electric vehicle development of China, carbon neutrality simulations and predictions in China, and new energy adoption and challenges.

Energy Internet Research Institute, Tsinghua University Jun. 2024 - Aug. 2024
Carbon Emission Research Intern Beijing, China

- **Structural Modeling:** Developed agent-based model to simulate carbon market trading behavior and carbon price changes in China.

- **Empirical Analysis:** Developed statistical methodologies to test possibility of fraud in CO_2 calculated by mass balance method, conducted non-parametric group testing for using Continuous Emission Monitoring System (CEMS) method to detect frauds.

Cornell Institute for China Economic Research (CICER)

Nov. 2021 – Feb. 2022

Advised by Dr. Binglin Wang and Prof. Shanjun Li

Remote

- **Winter Research Project:** “Spatial Heterogeneity and Efficiency of RECLAIM Program: Evidence from Southern California”

College of Economics and Management, China Agricultural University

Sep. 2021 – Jun. 2022

Advised by Prof. Hanxiao Wang

Beijing, China

- **Graduation Thesis:** “The Impact of Establishing Pilot Free Trade Zones on Enterprises’ Environmental, Social, and Governance (ESG) Performance: A Quasi-Experimental Study of Listed Firms”

INDUSTRY EXPERIENCE

Frankfurt School of Finance & Management

Aug. 2022 – Aug. 2023

Assistant Consultant, Development Finance/Green Finance

Contract

- **Project:** *Shanxi Changzhi Low-Carbon Climate-Resilient Circular Economy Transformation (ADB)*
- **Project:** *Creating a Green Business Development Ecosystem in Uzbekistan (GIZ)*
- **Project:** *Support of “Women in Business” in a Post COVID-19 World (KfW)*

Fintech Institute, Renmin University of China (RUC)

Jul. 2022 – Aug. 2023

Research Assistant Intern, Bank Technology Group

Remote

- **Project:** *Study on the Development of Central Bank Digital Currencies*

HONORS AND AWARDS

- **Best 100 Undergraduate Thesis Award**, China Agricultural University 2022
- **First-class Study Scholarship**, China Agricultural University 2020, 2021
- **Study Progress Scholarship**, China Agricultural University 2020

MISCELLANEOUS

- **Programming:** R; Python; Stata; \LaTeX
- **Software:** MATLAB; QGIS; SPSS
- **Language:** Chinese (Native: Lower Yangtze Mandarin); English (Fluent); Japanese (Basic)
- **Hobbies:** Traveling, music, painting, fitness
- **Citizenship:** People’s Republic of China (P.R.C.)