

EDUCATION

Department of Real Estate, National University of Singapore Singapore
Ph.D. Candidate (Research Scholarship) 2022.08 - 2026 (*expected*)

- Advisor: Prof. Yi FAN
- Research fields: Environmental Economics, Public Policy, Sustainability, Urban Development

Department of Economics, National University of Singapore Singapore
M.S. in Quantitative Economics, GPA 4.6/5 2020.08 - 2022.01

School of Management and Economics, the Chinese University of Hong Kong (Shenzhen) Shenzhen
B.E. in Economics, GPA 3.5/4 (Dean's List) 2016.09 - 2020.06

ENVIRONMENTAL ECONOMICS & ENERGY TRANSITION

Publications

1. Yi Fan, **Qiuxia Gao** and Cheng Keat Tang. "From Brown to Green? The Displacement Effect of Coal-Fired Power Plant Closure in China", *Journal of Environmental Economics and Management*. 103302.
 - Reached Indonesian Chamber of Commerce and Industry

Working Papers

1. **Qiuxia Gao**. "Geopolitical Mining: Local Environmental and Welfare Costs of the Green Transition in Indonesia". *Job Market Paper*
2. **Qiuxia Gao**, Bingjing Li and Yu Qin. "Global Plastic Waste Reallocation and Pollution: Evidence from China's Import Ban", *Journal of Environmental Economics and Management*. Revise and Resubmit (R&R).
 - Outstanding Paper Award in the 8th Future Economist Forum
3. **Qiuxia Gao**. "Digging Deeper at Home: Overextraction, Pollution, and Mining Accidents after China's Coal Policy".
4. **Qiuxia Gao** and Qiao Wang. "Renewing the City, Clearing the Air: Environmental Gains from Transit and Functional Upgrading in Urban Regeneration".

Work in Progress

1. Yi Fan, **Qiuxia Gao**, Hancheng Jiang. "Global Shipping Regulation Reshaped Air, Noise, and Marine Biodiversity".
2. **Qiuxia Gao**, Cheng Keat Tang. "Thirsty Algorithms: AI Data Centers and Their Impacts on Local Water Resources".
3. **Qiuxia Gao**. "Export Restrictions, Geopolitics, and the Erosion of Global South Trade Power".

Publications

1. Yi Fan, **Qiuxia Gao**, Yinghao Elliot Sitoh, and Wayne Xinwei Wan. "Post-Flood Selective Migration Interacts with Media Sentiment and Income Effects", *Nature Climate Change*. 15, 619–626 (2025).
 - Homer Hoyt Best Paper Award (Single Award) 2023

Working Papers

1. **Qiuxia Gao**, Kwan Ok Lee, Minghang Yu and Shuting Zhang. "Linking Neighborhoods to Transit: Climate-Resilient Mobility through Sheltered Walkways", *npj Sustainable Mobility and Transport*. Major Revision.

CLIMATE CHANGE & ADAPTATION

URBAN DEVELOPMENT & HOUSEHOLD BEHAVIOR	<u>Publications</u>	
	1. Book Chapter: Qiuxia Gao , Chong Zhao, and Yi Fan*, “AI for Household Finance” in AI4X (2026), <i>Hong Kong Polytechnic University Press</i> .	
	<u>Working Papers</u>	
	1. Sumit Agarwal, Yi Fan and Qiuxia Gao . “Power Up Consumption: Impact of Electric Vehicle Infrastructure on Household Spending”, <i>Nature Human Behaviour</i> . Revise and Resubmit (R&R).	
	<u>Work in Progress</u>	
	1. Qiuxia Gao , Kwan Ok Lee and Shuting Zhang. “The Spatial Reorganization of Retail and the Resilience of Urban Neighborhoods”.	
TEACHING ASSISTANT EXPERIENCE	RE1702 Real Estate Data Analytics (Undergraduate)	2022.08 - 2022.12
	RE2708 Computational Thinking and Programming for Real Estate (Undergraduate)	2023.08 - 2023.12
	RE2801 Research Methodology in Real Estate (Undergraduate)	2025.01 - 2025.04
	UD5626 Urban Economics (Master)	2025.08 - 2025.12
CONFERENCES	• SMU-Jinan Conference on Urban and Regional Economics (Session Chair)	2022.12
	• Asia Meeting of the Econometric Society	2023.07
	• Asian Bureau of Finance and Economic Research Annual Conference	2024.05
	• Asia Meeting of the Econometric Society, East and Southeast Asia	2024.08
	• Summer Meeting in Urban Economics, China	2024.08
	• 2025 CUHK Summer School of Asia in the Global Economy	2025.06
	• The 18th China Economics Summer Institute	2025.08
	• Association of Collegiate Schools of Planning Annual Conference 2025	2025.10
	• The 8th Future Economists Forum	2025.12
	• SMU-Jinan Conference on Urban and Regional Economics	2025.12
	• 15th European Meeting of the Urban Economics Association	2026.05
	• Asian Bureau of Finance and Economic Research Annual Conference	2026.05
	• The 5th Annual Conference of Chinese Association of Environmental and Resource Economists	2026.05
	Referee: <i>Journal of Environmental Economics and Management, Management Science, Labour Economics</i>	
ACADEMIC SERVICE	Member: AI Committee, Chinese Labor Economics Association	
SKILLS	Languages: Mandarin (Native), English (Fluent), Indonesian (Basic), Japanese (Basic)	
	Programming: Python, Stata, R, LaTeX, ArcGIS, VBA	
REFERENCES		
	Sumit AGARWAL	Yu QIN
	Low Tuck Kwong Distinguished Professor	Professor
	NUS Business School	NUS Business School
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	Yi FAN	
	Associate Professor	
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