

Mingxuan FAN

Mochtar Riady Building, 15 Kent Ridge Drive
NUS Business School, Singapore, 119245

Email: mfan@nus.edu.sg
Nationality: Singapore

CURRENT APPOINTMENTS

Assistant Professor, Department of Real Estate, NUS Business School, National University of Singapore 2023-present
Adjunct Senior Research Fellow, Lee Kuan Yew School of Public Policy, National University of Singapore 2022-present

EDUCATION

Ph.D.	Applied Economics	University of Wisconsin-Madison, USA	2018
M.P.P.	Public Policy	National University of Singapore, Singapore	2008
B.A.	Public Administration; English	Sun Yat-sen University, China	2006

RESEARCH INTEREST

Environmental Economics; Applied Microeconomics

PUBLICATIONS

Journal articles (* indicates Corresponding author)

1. **Fan, Mingxuan*** and Corbett Grainger, 2023. "The Impact of Air Pollution on Labor Supply in China." *Sustainability* 15(17): 13082
2. Agarwal, Sumit, Eduardo Araral, **Mingxuan Fan***, Yu Qin and Huanhuan Zheng, 2023. "The Effects of Policy Announcement, Prices, and Subsidies on Water Consumption." *Nature Water* 1, 176-186.
3. Agarwal, Sumit, Eduardo Araral, **Mingxuan Fan***, Yu Qin and Huanhuan Zheng, 2022. "Water Conservation through Plumbing and Nudging." *Nature Human Behaviour* 6, 858-867.
4. **Fan, Mingxuan** and K. E. Seetharam, 2011. "Water Resources Management in ASEAN Plus Three Countries: Challenges and Policy Responses." *East Asia Policy* 3(2): 13-27.

Book chapters

1. Seetharam, K.E. and Mingxuan Fan, 2014. "Overcoming Challenges in Water and Sanitation in Asia." In Shiladitya Chatterjee, ed., *Ending Asian Deprivations: Compulsions for a Fair, Prosperous, and Equitable Asia*, Oxford, UK and New York, US: Routledge, pp. 203-219.
2. Seetharam, K.E. and Mingxuan Fan, 2013. "Challenges Facing the Management of Water Resources." In *Water and Food Security in the Arabian Gulf*, Emirates Center for Strategic Studies and Research, pp. 37-58.
3. Fan, Mingxuan and Bhanoji Rao, 2012. "Provincial Water Access in China and India: A Comparative Assessment." In Piyush Tiwari and Ajay Pandey, eds., *India Infrastructure Report 2011*, New Delhi, India: Oxford University Press, pp. 117-198.

WORKING PAPERS

1. "From Efficiency to Excess: Understanding Utility Usage in Green-Certified Homes" (with Sumit Agarwal, Eduardo Araral, Yu Qin, and Huanhuan Zheng) *Under Review*
2. "Real Estate Regulation and Democratization of Homeownership" (with Sumit Agarwal, Pulak Ghosh, Arkodipta Sarkar, and Xiaoyu Zhang)

3. “Water Consumption in High-rise Buildings: Evidence from Singapore” (with Sumit Agarwal, Eduardo Araral, and Yunfeng Lu)
4. “The Impact of an Extreme Weather Event on Business Performance” (with Sumit Agarwal, Leora Klapper, and Edward Lee)
5. “Leakage of Carbon and Co-pollutants from Regional Cap-and-Trade: Evidence from RGGI” (with Corbett Grainger)
6. “The Impact of Fine Particulate Matter on Elderly Health in China: Evidence from Panel Data” (with Zhuoru Ma and Akshar Saxena)

WORK-IN-PROGRESS

1. “The Economics of Flooding” (with Sumit Agarwal, Yajie Han, Yu Qin, and Hongjia Zhu)
2. “The Behavioural Impact of Solar Panel Installation in Singapore” (with Sumit Agarwal, Jinze Cao, and Yu Qin)
3. “The Effect of EV Policies on Air Pollution and Health in India” (with Akshar Saxena)
4. “The Effect of Air Pollution on Food Consumption in India” (with Sumit Agarwal, Yajie Han, and Yu Qin)

PRESENTATIONS

2024	IES Research Seminar, NUS, Singapore; AERE, Washington DC, US; AREUE, Washington DC, US
2023	DRE Brownbag Seminar, NUS, Singapore; Jinan-SMU Conference on Urban and Regional Economics, Guangzhou, China
2022	Department of Real Estate, NUS (Virtual)
2021	Singapore International Water Week (Virtual); Our Commons Future IASC Conference (Virtual)
2020	IWP Research Seminar (Virtual)
2019	IWP Research Seminar, NUS, Singapore; Global Asia Institute Research Seminar, NUS, Singapore
Pre-2018	Sol Price School of Public Policy, USC, USA; AAE Seminar Series, UW-Madison, USA; World Water Forum, Marseille, France; East-West Center, Honolulu, USA; Singapore International Water Week, Singapore; ADB Workshop, Shanghai, China; Stockholm World Water Week, Stockholm, Sweden

JOURNAL REFEREE

Management Science; Environment and Planning B; Journal of Environmental Economics and Management; Journal of Housing and the Built Environment; Journal of Economic Behavior & Organization; Nature Cities.

PROFESSIONAL EXPERIENCE

Visiting Assistant Professor	Department of Real Estate, NUS Business School National University of Singapore	2022-2023
Post-doctoral Fellow	Institute of Water Policy, Lee Kuan Yew School of Public Policy National University of Singapore, Singapore	2019-2022
Consultant	World Bank Washington DC, USA	2020
Visiting Scholar	Joint Program on the Science and Policy of Global Change Massachusetts Institute of Technology, Cambridge, USA	2013
Consultant	International Food Policy Research Institute Washington DC, USA	2013
Program Manager	Global Asia Institute National University of Singapore, Singapore	2011 - 2012
Research Associate	Institute of Water Policy, Lee Kuan Yew School of Public Policy National University of Singapore, Singapore	2009 - 2012
Project Assistant	Greater Mekong Subregion Environment Operations Center Asian Development Bank, Bangkok, Thailand	2008 - 2009

TEACHING

Master level

- Instructor, Economics of Sustainability, NUS (Fall 2023)
- Instructor, Real Estate Economics, NUS (Fall 2023)
- Instructor, Sustainable Real Estate Development and Investment, NUS (Spring 2023, 2024)
- Instructor, Real Estate Finance, NUS (Fall 2022)
- Teaching assistant, Energy Economics, UW-Madison (Spring 2018)
- Teaching assistant, Natural Resource Economics, UW-Madison (Spring 2018)

Undergraduate level

- Instructor, Urban Economics, NUS (Fall 2023)
- Instructor, Real Estate and Infrastructure Finance, NUS (Spring 2023, 2024)
- Teaching assistant, Environmental Economics, UW-Madison (Fall 2016, 2017)
- Teaching assistant, The Environment and the Global Economy, UW-Madison (Spring 2017)

Updated: June 17, 2024