

# Curriculum Vitae

Yifu OU

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## **RESEARCH INTERESTS**

- Environmental Economics
- Urban Economics
- Sustainable Transportation and Land Use Planning
- GIS

## **CURRENT POSITION**

05/2022–(present): *Senior Research Assistant*, Department of Urban Planning and Design, The University of Hong Kong

## **EDUCATION**

07/2022: *Ph.D. in Urban Planning and Design*, The University of Hong Kong

Thesis: “Impacts of Urban Rail Transit on Local Air Pollution: Evidence from Path Analysis of 104 Chinese Cities and Quasi-experiments in Shenzhen and Hong Kong”

(Grade: Excellent (Top 10%, Faculty of Architecture)/Thesis Advisor: Dr. Kyung-Min Nam)

07/2017: *Master of Urban Design and Regional Planning*, City University of Hong Kong

Thesis: “Impacts of Air Pollution on Urban Housing Prices in China”

(Award Classification: Distinction (GPA:3.62/4.3)/Thesis Advisor: Dr. Zheng Chang)

03/2014: *Bachelor of Environments in Landscape Architecture*, The University of Melbourne, Melbourne, Victoria, Australia

## **PROFESSIONAL/ACADEMIC EXPERIENCE**

05/2022–(present): *Senior Research Assistant*, Department of Urban Planning and Design, The University of Hong Kong (Supervisor: Dr. Kyung-Min Nam)

Project: “Local and Regional Impacts of Emissions Trading in Hong Kong and China’s Greater Bay Area”

06/2017-09/2017: *Graduate Research Assistant*, Department of Architecture and Civil Engineering, City University of Hong Kong (Supervisor: Dr. Zheng Chang)

Project: “Residential Land Use Pattern in Shanghai and Selected Chinese Metropolises (Project NO. 7004376)”

03/2016-05/2017: *Graduate Research Assistant*, Department of Architecture and Civil Engineering, City University of Hong Kong (Supervisor: Dr. Jin Murakami)

Project: “Inter-city Access and Intra-city Agglomeration: An Empirical Analysis of the Spatial Impacts of High-Speed Rail (HSR) Terminal Development in Hong Kong and Selected Global Cities (Project NO. 9041996)”

## **PUBLICATIONS**

(\*Corresponding Author)

**Ou, Y.,** Bao, Z., Ng, S. T., & Song, W. (2023). Estimating the effect of air quality on Bike-Sharing usage in Shanghai, China: An instrumental variable approach. *Travel Behaviour and Society*, 33,

100626.

- Chen, S., Bao, Z., **Ou, Y.**, & Chen, K. (2023). The synergistic effects of air pollution and urban heat island on public health: A gender-oriented nationwide study of China. *Urban Climate*, 51, 101671.
- Ou, Y.**, Kim, E., Liu, X., & Nam, K. M. (2023). Delineating functional regions from road networks: The case of South Korea. *Environment and Planning B: Urban Analytics and City Science*, 23998083231172198.
- Ou, Y.**, Bao, Z., Ng, S. T., & Xu, J. (2023). Do COVID-19 pandemic-related policy shocks flatten the bid-rent curve? Evidence from real estate markets in Shanghai. *Journal of Housing and the Built Environment*, 1-19.
- Bao, Z., Ng, S. T., Yu, G., Zhang, X., & **Ou, Y.** (2023). The effect of the built environment on spatial-temporal pattern of traffic congestion in a satellite city in emerging economies. *Developments in the Built Environment*, 14, 100173.
- Bao, Z., **Ou, Y.\***, Chen, S., & Wang, T. (2022). Land Use Impacts on Traffic Congestion Patterns: A Tale of a Northwestern Chinese City. *Land*, 11(12), 2295.
- Ou, Y.**, Zheng, J., & Nam, K. M. (2022). Impacts of Urban Rail Transit on On-Road Carbon Emissions: A Structural Equation Modeling Approach. *Atmosphere*, 13(11), 1783.
- Nam, K. M., **Ou, Y.**, Kim, E., & Zheng, S. (2022). Air Pollution and Housing Values in Korea: A Hedonic Analysis with Long-range Transboundary Pollution as an Instrument. *Environmental and Resource Economics*, 82(2), 383-407.
- Ou, Y.**, Zheng, S., & Nam, K. M. (2022). Impacts of Air Pollution on Urban Housing Prices in China. *Journal of Housing and the Built Environment*, 37, 423-441.

### **CONFERENCES PRESENTATIONS**

- “Rail Transit Disruptions, Traffic Generations, and Adaptations: A Quasi-experimental Test Based on the Anti-extradition Bill Protests.” *The 17th IACP Annual Conference*. Tianjin, China. Jun 29-July 2, 2023. (coauthors: Kyung-Min Nam)
- “Effects of Transboundary Pollution on Housing Prices in Korea: Focusing on Fine Particulate Transported from China.” *The 66th Annual North American Meetings of the Regional Science Association International*. Pittsburgh, PA, USA. November 13-16, 2019. (coauthors: Kyung-Min Nam, and Siqi Zheng)

### **TEACHING EXPERIENCE**

- Fall 2020 & Fall 2019: Tutor, “URBS1003: Theories and Global Trends in Urban Development”, The University of Hong Kong (Bachelor of Arts in Urban Studies Core Course)
- Fall 2020 & Fall 2019: Tutor, “URBS2010/URBS3004: Urban Planning and Urban Management”, The University of Hong Kong (Bachelor of Arts in Urban Studies Core Course)

### **RELEVANT SERVICES/AWARDS**

- Co-Guest Editor, Special Issue " Toward Equitable, Low-Carbon, and Liveable Cities: Quantitation, Effects Analysis, and Optimization of the Indoor and Outdoor Built Environment." *Buildings*. April 2023.
- Finalist, HKIS Outstanding Dissertation Awards 2022, The Hong Kong Institute of Surveyors. February 2023.
- Reviewer: Geography and Sustainability; Frontiers in Public Health; Frontiers in Ecology and Evolution; Frontiers of Engineering Management; Journal of Housing and the Built Environment.