

# Xize WANG 王锡泽

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## CURRENT APPOINTMENT

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2019- National University of Singapore, Singapore  
*Assistant Professor, Department of Real Estate*

## AFFILIATIONS

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2019- NUS Institute of Real Estate and Urban Studies  
2019- NUS Center of Family and Population Research  
2017- Urban Health Network for Latin American and the Caribbean

## PREVIOUS APPOINTMENTS

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2017-2019 University of California, Berkeley, USA  
*Postdoctoral Fellow, Institute of Urban and Regional Development*

## EDUCATION

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2017 University of Southern California, Price School of Public Policy, USA  
*Ph.D. in Urban Planning and Development*

2012 University of Minnesota, Humphrey School of Public Affairs, USA  
*Master in Urban and Regional Planning*

2010 Peking University, China  
*B.E. in Urban Planning and B.A. in Economics (with distinctions)*

## RESEARCH INTERESTS

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Urban health	Sustainable development
Urban planning and policy	Spatial data analytics
Transportation	Shared mobility

## PUBLICATIONS

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(Note: "\*" indicates corresponding author)

- 2023 **Wang, X\*** & Renne, J.L., "Socioeconomics of Urban Travel in the U.S.: Evidence from the 2017 NHTS." *Transportation Research Part D: Transport and Environment*, 116, 103622, [doi:10.1016/j.trd.2023.103622](https://doi.org/10.1016/j.trd.2023.103622) [IF: 7.6]
- 2023 **Wang, X.** & Liu, T.\*, "Home-Made Blues: Residential Crowding and Mental Health in Beijing, China." *Urban Studies*, 60(3), 461-482, [doi:10.1177/00420980221101707](https://doi.org/10.1177/00420980221101707) [IF: 4.7]
- 2022 **Wang, X.** & Liu, T.\*, "The Roads One Must Walk Down: Journey to work and depression for Beijing's residents." *Transportation Research Part D: Transport and Environment*, 109, 103316. [doi: 10.1016/j.trd.2022.103316](https://doi.org/10.1016/j.trd.2022.103316) [IF: 7.6]

- 2022 **Wang, X.**, “Impact of Health on Driving for America’s Older Adults: A Nationwide, Longitudinal Study.” *Transport Policy*, 120, 69-79. [doi:10.1016/j.tranpol.2022.02.005](https://doi.org/10.1016/j.tranpol.2022.02.005) [IF: 6.8]
- 2022 Delclòs-Alió X.\* et al., “Is city-level travel time by car associated with individual obesity or diabetes in Latin American cities? Evidence from 178 cities in the SALURBAL project.” *Cities*, 131, 1030899. [doi:10.1016/j.cities.2022.103899](https://doi.org/10.1016/j.cities.2022.103899) [IF: 6.7]
- 2022 Guimarães J.M. et al., “City-Level Travel Time and Individual Dietary Consumption in Latin American Cities: Results from the SALURBAL Study.” *International Journal of Environmental Research and Public Health*, 19(20), 13443. [doi:10.3390/ijerph192013443](https://doi.org/10.3390/ijerph192013443)
- 2021 **Wang, X.\***, Rodriguez, D. A., & Mahendra, A., “Support for market-based and command-and-control congestion relief policies in Latin American cities: Effects of mobility, environmental health, and city-level factors.” *Transportation Research Part A: Policy and Practice*, 146, 91-108. [doi:10.1016/j.tra.2020.12.004](https://doi.org/10.1016/j.tra.2020.12.004) [IF: 6.4]
- 2021 Bilal, U.\* et al., “Life expectancy and mortality in 363 cities of Latin America.” *Nature Medicine*. [doi:10.1038/s41591-020-01214-4](https://doi.org/10.1038/s41591-020-01214-4) [IF: 82.9]
- 2021 Ju, Y.\*, Moran, M., **Wang, X.**, Avila-Palencia, I., ... , Dronova, I., “Latin American cities with higher socioeconomic status are greening from a lower baseline: evidence from the SALURBAL project.” *Environmental Research Letters* 16: 104052. [doi: 10.1088/1748-9326/ac2a63](https://doi.org/10.1088/1748-9326/ac2a63) [IF: 6.7]
- 2021 Wang, K. & **Wang, X.\***, “Generational differences in automobility: Comparing America’s Millennials and Gen Xers using Gradient-Boosting Decision Trees.” *Cities*, 114, 103204. [doi:10.1016/j.cities.2021.103204](https://doi.org/10.1016/j.cities.2021.103204) [IF: 6.7]
- 2021 Sarmiento, O.\* et al., “Built environment profiles for Latin American urban settings: The SALURBAL study.” *PLoS One* 16 (10): e0257528. [doi:10.1371/journal.pone.0257528](https://doi.org/10.1371/journal.pone.0257528) [IF: 3.7]
- 2020 Vaz, C.\*, Andrade, A. C., Silva, U., Rodríguez, D., **Wang, X.**, ... & Caiaffa, W. “Physical disorders and poor self-rated health in adults living in four Latin American cities: A multilevel approach.” *International Journal of Environmental Research and Public Health*, 17(23), 8956. [doi:10.3390/ijerph17238956](https://doi.org/10.3390/ijerph17238956)
- 2019 **Wang X.\***, “Has the relationship between urban and suburban automobile travel changed across generations? Comparing Millennials and Gen Xers in the United States”, *Transportation Research Part A: Policy and Practice*, 129, 107-122. [doi: 10.1016/j.tra.2019.08.012](https://doi.org/10.1016/j.tra.2019.08.012) [IF: 6.4]
- 2019 **Wang, X.\***, Rodriguez, D. A., Sarmiento, O. L. and Guaje, O., “Commute patterns and depression: Evidence from 11 Latin American Cities”, *Journal of Transport and Health*, 14, 100607. [doi:10.1016/j.jth.2019.100607](https://doi.org/10.1016/j.jth.2019.100607) [IF: 3.6]
- 2019 Boarnet, M. G., & **Wang, X.\***. “Urban spatial structure and the potential for vehicle miles traveled reduction: the effects of accessibility to jobs within and beyond employment sub-centers.” *The Annals of Regional Science*, 62(2), 381-404. [doi:10.1007/s00168-019-00900-7](https://doi.org/10.1007/s00168-019-00900-7) [IF: 1.7]
- 2019 Langellier, B.\* et al., “Using community-based system dynamics modeling to understand the complex systems that influence health in cities: The SALURBAL stud.” *Health and Place*, 60, 102215. [doi:10.1016/j.healthplace.2019.102215](https://doi.org/10.1016/j.healthplace.2019.102215) [IF: 4.8]

- 2019 Gouveia, N. \* et al., “Ambient PM2.5 in Latin American cities: population exposure, trends, associated urban factors, and effects on mortality.” *Environmental Epidemiology*, 3, 139. [doi: 10.1097/01.EE9.0000607280.86151.6c](https://doi.org/10.1097/01.EE9.0000607280.86151.6c) [IF: 3.6]
- 2017 Boarnet, M. G., **Wang, X.\***, & Houston, D. “Can new light rail reduce personal vehicle carbon emissions? A before-after, experimental-control evaluation in Los Angeles.” *Journal of Regional Science*, 57(3), 523-539. [doi:10.1111/jors.12275](https://doi.org/10.1111/jors.12275) [IF: 3.0]
- 2016 **Wang, X.\***, Lindsey, G., Schoner, J. E., & Harrison, A. “Modeling bike share station activity: Effects of nearby businesses and jobs on trips to and from stations.” *Journal of Urban Planning and Development*, 142(1), 04015001. [doi:10.1061/\(ASCE\)UP.1943-5444.0000273](https://doi.org/10.1061/(ASCE)UP.1943-5444.0000273) [IF: 2.5, Google Scholar citations: 318]
- 2014 **Wang, X.\***, Lindsey, G., Hankey, S., & Hoff, K. “Estimating mixed-mode urban trail traffic using negative binomial regression models.” *Journal of Urban Planning and Development*, 140(1), 04013006. [doi:10.1061/\(ASCE\)UP.1943-5444.0000157](https://doi.org/10.1061/(ASCE)UP.1943-5444.0000157) [IF: 2.5]
- 2012 Hankey, S.\*, Lindsey, G., **Wang, X.**, Borah, J., Hoff, K., Utecht, B., & Xu, Z. (2012). “Estimating use of non-motorized infrastructure: Models of bicycle and pedestrian traffic in Minneapolis, MN.” *Landscape and Urban Planning*, 107(3), 307-316. [doi:10.1016/j.landurbplan.2012.06.005](https://doi.org/10.1016/j.landurbplan.2012.06.005) [IF: 9.1]

## RESEARCH IMPACTS

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### Google Scholar Citation Metrics (as of 15 Jan. 2024)

Citations: 1072; h-index: 16; i10-index: 19

### Media Coverage & Policy Impacts

- 2023 *Salon.com, USA* ([link](#)) on Wang and Renne (2023)
- 2022 *Urban Studies Blog, UK* ([link](#)) on Wang and Liu (2023)
- 2022 *Caixin Global, China* ([link](#)) on Wang and Liu (2022)
- 2022 *Lianhe Zaobao ThinkChina, Singapore* ([link](#)) on Wang and Liu (2022)
- 2019 *El Tiempo, Colombia* ([link](#)) on Wang, Rodriguez, Sarmiento & Guaje (2019)
- 2016 *National Association of City Transportation Officials, USA* ([link](#)) on Wang, Lindsey, Schoner & Harrison (2016)

## CONFERENCE AND SEMINAR PRESENTATIONS

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(Note: “\*” indicates presented by co-author)

- 2024 American Association of Geographers (AAG) Annual Conference, Honolulu, USA (scheduled)  
International Association for China Planning Annual Conference, Hangzhou, China (scheduled)
- 2023 AAG Annual Conference, online  
Association of Collegiate Schools of Planning (ACSP) Annual Conference, Chicago, USA  
IACP Annual Conference, Tianjin, China

	Nanjing University, Nanjing, China
	Nanjing Normal University, Nanjing, China
	Population Association of Singapore Annual Conference, Singapore
	Singapore-EHT Center, Singapore
	Tongji University, Shanghai, China
	Western Regional Science Association Annual Conference, Hawaii, USA
	World Conference on Transport Research, Montreal, Canada
2022	NUS Lee Kuan Yew School of Public Policy, Singapore NUS College of Design and Engineering, Singapore Nanjing University, Nanjing, China The Chinese University of Hong Kong, Hong Kong SAR
2021	Hong Kong University of Science and Technology Guangzhou Campus, online IACP Annual Conference, Nanjing, China Asian Real Estate Society (AsRES) Annual Meeting, Singapore American Real Estate & Urban Economics Association – AsRES Annual Meeting, Singapore Machine Learning & Travel Behavior Interest Group, online NUS East Asian Institute, Singapore Peking University, China NUS Center for Family and Population Research, Singapore
2020	The Chinese University of Hong Kong, online ACSP Annual Conference, online IACP Annual Conference, online
2019	China Conference on Geography, Beijing, China National Institute of Health, Bethesda, USA* Singapore-MIT Alliance for Research and Technology, Singapore
2018	ACSP Annual Conference, Buffalo, USA IACP Annual Conference, Xi'an, China LAC Urban Health Research Network, Antigua Guatemala, Guatemala Transportation Research Board (TRB) Annual Meeting, Washington D.C. USA
2017	AAG Annual Meeting, Boston, USA ACSP Annual Conference, Denver, USA LAC-Urban Health Research Network, Lima, Peru TRB Annual Meeting, Washington D.C. USA*
2016	AAG Annual Meeting, San Francisco, USA ACSP Annual Conference, Portland, USA Regional Science Association (RSAI) North American Meeting, Minneapolis, USA
2015	ACSP Annual Conference, Houston, USA
2014	ACSP Annual Conference, Philadelphia, USA RSAI North American Meeting, Bethesda, USA
2013	TRB Annual Meeting, Washington D.C. USA
2012	TRB Annual Meeting, Washington D.C. USA UMN-CTS Annual Research Conference, St. Paul, USA

## TEACHING

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### National University of Singapore

#### *Academic Teaching*

Urban Policy and Challenges, undergraduate level (Spring 2023; Spring 2024)  
Urban Planning in Singapore, undergraduate level (Fall 2020, Fall 2021; Fall 2022; Fall 2023)  
GIS for Real Estate, undergraduate level (Spring 2020, Spring 2021, Spring 2022, Spring 2023)  
Advanced Urban Planning, undergraduate level (Fall 2019)

#### *Executive Teaching*

Israel Land Authority, Executive Training Program on Singapore Immersion, *topic: Innovations in Singapore Transportation System* (Fall 2023)  
Singapore Land Authority, Executive Training Program on Real Estate Foundations, *topic: GIS for Real Estate* (Fall 2022, Fall 2023)  
Singapore Land Authority, Executive Training Program on Real Estate Foundations, *topic: Urban Planning in Singapore* (Fall 2021; Summer 2021)  
Urban Redevelopment Authority, UP201 Executive Training Program, *topic: Cost-Benefit Analysis* (Summer 2020)

#### *Guest Lectures*

University of Pennsylvania Wharton School, MBA study abroad program, East and Southeast Asia, *topic: Governing Singapore's Land Development: An Institutional Perspective* (Summer 2022)  
NUS Lee Kuan Yew School of Public Policy, Ph.D. core module, Quantitative Methods for Public Policy Research, *topic: Panel Data Methods* (Spring 2022)  
NUS Lee Kuan Yew School of Public Policy, MPAM program, Urban Development and Policy, *topic: Urban Planning in Singapore* (Spring 2021)

### University of California, Berkeley

Ph.D. Colloquium, graduate level (guest lecturer, Spring 2018, Fall 2019)  
Sustainable Mobility, undergraduate level (guest lecturer, Spring 2019, Fall 2017)

### University of Southern California

Sustainable Communities, Policy & Planning, undergraduate level (Spring 2017)  
Statistical Foundations for Public Management & Policy, graduate level (TA, Summer 2016)  
Statistics for Policy, Planning & Development, undergraduate level (TA, Spring 2016)  
Urban Demography & Growth, graduate level (TA, Fall 2014)  
Economics for Policy, Planning & Development, graduate level (TA, Spring 2014, Fall 2015)  
Urban Planning & Development, undergraduate level (TA, Fall 2013)

## SERVICE AND AFFILIATIONS

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### Journal Peer Review

*The Annals of Regional Science*  
*Cities*  
*Climatic Change*  
*Environment and Planning B: Urban Analytics and City Science*  
*Environmental Science and Pollution Research*

*Growth and Change*  
*Habitat International*  
*International Journal of Environmental Research and Public Health*  
*International Journal of Sustainable Transportation*  
*International Journal of Urban Sciences*  
*International Real Estate Review*  
*ISPRS International Journal of Geo-Information*  
*Journal of Transport Geography*  
*Journal of Transport and Land Use*  
*Journal of Housing and the Built Environment*  
*Journal of Real Estate Finance and Economics*  
*Journal of Urban Affairs*  
*Justice Quarterly*  
*Population, Space and Place*  
*PLoS One*  
*Regional Studies*  
*Science of the Total Environment*  
*Scientific Reports*  
*Sustainable Cities and Society*  
*Transactions in GIS*  
*Transport Findings*  
*Transport Reviews*  
*Transportation Research Part A: Policy and Practice*  
*Transportation Research Part D: Transport and Environment*  
*Travel Behavior and Society*  
*Urban Studies*

### **Service to Field**

2021 Asian Real Estate Society (AsRES) Annual Meeting Program Committee  
*Coordinator: urban policy and planning field*  
 2021 Global Chinese Real Estate Congress Annual Meeting Program Committee  
*Committee member*  
 2017-2019 China Highway & Transportation Society (*World Transportation Convention*)  
*Transportation and Public Health Technical Committee*  
*Transportation and Urban Form Technical Committee*

### **Service to University**

2022-2023 NUS Business School Assistant Professor Representative  
 2022-2023 Department Seminar Coordinator

### **Professional Affiliations**

American Real Estate and Urban Economics Association  
 Association of Collegiate Schools of Planning  
 International Association for China Planning  
 Population Association of Singapore  
 Western Regional Science Association

## **HONORS AND AWARDS**

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2016-2017	Provost's Mentored Teaching Fellowship, USC Graduate School
2014	Publisher's Travel Scholarship, Association of Collegiate Schools of Planning
2010-2011	Hubert H. Humphrey Fellowship, University of Minnesota
2010	Outstanding Graduates Award, Beijing Provincial Commission of Education
2009	National Merit Scholarship for Undergraduates, Ministry of Education of China
2009	First-Class Scholarship for China Economic Studies, Peking University

Updated January 2024