

## Xize WANG 王锡泽

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### CURRENT APPOINTMENTS

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

### AFFILIATIONS

2019- NUS Institute of Real Estate and Urban Studies  
2019- NUS Center of Family and Population Research  
2017- LAC-Urban Health Research Network

### PREVIOUS APPOINTMENTS

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

### EDUCATION

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

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

### PUBLICATIONS

(Note: "\*" indicates corresponding author)

#### Peer-Reviewed Journal Articles

2022 **Wang, X.** & Liu, T.\*, "Home-Made Blues: Residential Crowding and Mental Health in Beijing, China." *Urban Studies*, in press. [IF: 4.418]  
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: 7.041]

- 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: 6.173]
- 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: 6.615]
- 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: 87.241]
- 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: 6.947]
- 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: 6.077]
- 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: 3.752]
- 2020 Vaz, C.\*, Andrade, A. C., Silva, U., Rodríguez, D., **Wang, X.**, Moore, K., ... & 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) [IF: 4.614]
- 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: 6.615]
- 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: 3.613]
- 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: 1.709]
- 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: 4.931]
- 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: 2.807]

- 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: 2.361, Google Scholar citations: 261]
- 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: 2.361]
- 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: 8.119]

## RESEARCH IMPACTS

### Citation Metrics (as of 1 July 2022)

Google Scholar: Citations: 726; h-index: 13; i10-index: 13

Web of Science: Citations: 321; h-index: 8; i10-index: 7

### Media Coverage & Policy Impacts

- 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

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

- 2022 NUS Lee Kuan Yew School of Public Policy  
University of Hong Kong (scheduled)
- 2021 Hong Kong University of Science and Technology Guangzhou Campus, online  
International Association for China Planning Annual (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  
Association of Collegiate Schools of Planning (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

### National University of Singapore

#### *Academic Teaching*

Data, Analytics and PropTech, graduate level (Fall 2022, new course in preparation)  
GIS for Real Estate, undergraduate level (Spring 2020, Spring 2021, Spring 2022)  
Urban Planning in Singapore, undergraduate level (Fall 2020, Fall 2021)  
Advanced Urban Planning, undergraduate level (Fall 2019)

#### *Executive Teaching*

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)

### 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**

### **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 Sustainable Transportation*  
*International Journal of Environmental Research and Public Health*  
*International Real Estate Review*  
*Journal of Transport Geography*  
*Journal of Transport and Land Use*  
*Journal of Housing and the Built Environment*  
*Journal of Urban Affairs*  
*Population, Space and Place*  
*PLoS One*  
*Regional Studies*  
*Science of the Total Environment*  
*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 & Brownbag 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*

## **HONORS AND AWARDS**

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

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