

Xize WANG 王锡泽

Assistant Professor
Department of Real Estate
National University of Singapore
Website: <https://xizewang.github.io/>

Office: 15 Kent Ridge Drive, #07-53
Singapore 119245
Tel: +65-6516-7238
Email: wang.xize@nus.edu.sg

CURRENT APPOINTMENT

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

PUBLICATIONS

(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: 7.041]
- 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: 4.418]

- 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]
- 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: 6.077]
- 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) [IF: 4.614]
- 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.**, ... & 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: 303]
- 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 20 March 2023)

Google Scholar: Citations: 870; h-index: 13; i10-index: 16
 Web of Science: Citations: 382; h-index: 8; i10-index: 8

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

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

- 2023 American Association of Geographers Annual Conference, online (scheduled)
 International Association for China Planning Annual Conference, Tianjin, China (scheduled)

- International Society for Environmental Epidemiology Annual Conference, Kaohsiung, Taiwan (scheduled)
Western Regional Science Association Annual Conference, Hawaii, USA
World Conference on Transport Research, Montreal, Canada (scheduled)
- 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
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

Urban Policy and Challenges, undergraduate level (Spring 2023)
GIS for Real Estate, undergraduate level (Spring 2020, Spring 2021, Spring 2022, Spring 2023)
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: GIS for Real Estate* (Fall 2022)
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

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
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 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 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
 Regional Studies Association
 Western Regional Science Association

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

Updated Mar. 2023