

He Ying Sylvia

Urban Studies Programme, Department of Geography and Resource Management
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ACADEMIC QUALIFICATIONS

- Ph.D., Policy, Planning, and Development, 2012 (University of Southern California)
- M.A., Economics, 2009 (University of Southern California)
- G.C., Financial Analysis and Valuation, 2009 (University of Southern California)
- M.A., Geography, 2006 (McMaster University)
- B.S., Geography, 2003 (Sun Yat-sen University)

PRESENT ACADEMIC POSITIONS

- The Chinese University of Hong Kong - Urban Studies Programme, Department of Geography and Resource Management
Associate Professor, 2018 – present
Assistant Professor, 2012 –2018
Acting Assistant Director (Urban Studies Programme), 1/1/2018-6/30/2018

PREVIOUS ACADEMIC POSITIONS

- Technische Universität München
Post-doc Research Fellow, Department of Civil, Geo and Environmental Engineering, 2011-2012
- University of Southern California
Research Assistant, National Center for Metropolitan Transportation Research, 2006-2010
Teaching Assistant, Department of Economics, 2010-2011
- US National Academy of Sciences
Science and Technology Policy Graduate Fellow, Transportation Research Board (TRB), 2007
- McMaster University
Teaching Assistant, School of Geography and Earth Sciences, 2004-2006
Research Assistant, Centre for Spatial Analysis, 2005

RESEARCH INTERESTS

- Transportation planning and policy; Travel behavior
- Transport geography
- Urban and regional studies; urban economics
- GIS and spatial analysis

PUBLICATIONS (selected)

- Baker M. and He S.Y. (2018). [Editorial] Understanding urban change in diverse contexts: experiences from Manchester and Hong Kong, *Town Planning Review* (forthcoming, <https://doi.org/10.3828/tpr.2018.30>).
- He S.Y., Tao S., Hou Y., and Jiang W. (2018). Mass Transit Railway, transit-oriented development, and spatial justice: the competition for prime residential locations in Hong Kong since the 1980s, *Town Planning Review* (forthcoming, <https://doi.org/10.3828/tpr.2018.31>).
- He S.Y. and Giuliano G. (2018). School choice: Understanding the trade-off between travel distance and school quality, *Transportation*, 45, 1475-1498.
- He S.Y., Miller E.J., and Scott D.M. (2018). [Editorial] Big data and travel behaviour, *Travel Behaviour and Society*, 11, 119-120.
- Wang Z., He S.Y., and Leung Y. (2018), Applying mobile phone data to travel behaviour research: A literature review, *Travel Behaviour and Society*, 11, 141-155.
- Lee J. He S.Y., and Sohn D.W. (2017). Potential for converting short car trips to active trips: the role of the built environment in tour-based travel. *Journal of Transport & Health*, 7, 134-148.
- He S.Y. (2017). A hierarchical estimation of school quality capitalisation in house prices in Orange County, California, *Urban Studies*, 54, 3337-3359.
- He S.Y. and Thøgersen J. (2017). The impact of attitudes and perceptions on travel mode choice and car ownership in a Chinese megacity: The case of Guangzhou. *Research in Transportation Economics*, 62, 57-67.

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- He S.Y., Lee J., Zhou T., and Wu D. (2017). Shrinking cities and resource-based economy: The economic restructuring in China's mining cities, *Cities*, 60, 75-83.
- He S.Y. and Giuliano G. (2017). Factors affecting children's journeys to school: A joint escort-mode choice model, *Transportation*, 44, 199-224.
- He S.Y., Kuo Y. H., and Wu D. (2016). Incorporating institutional and spatial factors in the selection of the optimal locations of public electric vehicle charging facilities: A case study of Beijing, China, *Transportation Research Part C*, 67, 131-148.
- Hu L. and He S.Y. (2016). The association between telecommuting and household travel in the Chicago metropolitan area, *Journal of Urban Planning and Development*, 142(3), 04016005(1-8).
- He S.Y. and Hu L. (2015). Telecommuting, income, and out-of-home activities, *Travel Behaviour and Society*, 2, 131-147.
- He S.Y. (2014). Conference report: Asian Urbanism and Beyond, the 18th Inter-University Seminar on Asian Megacities, *Town Planning Review*, 85, 533-539.
- He S.Y. (2013). Will you escort your child to school? The effect of spatial and temporal constraints of parental employment, *Applied Geography*, 42, 116-123.
- He S.Y. (2013). Does flexitime affect departure time choice for morning home-based commuting trips? Evidence from two regions in California, *Transport Policy*, 25, 210-221.
- Scott D.M. and He S.Y. (2012). Modeling constrained destination choice for shopping: a GIS-based, time-geographic approach, *Journal of Transport Geography*, 23, 60-71.
- Giuliano G., Redfearn C., Agarwal A., and He S.Y. (2012). Network accessibility and employment centres, *Urban Studies*, 49, 77-95.
- He S.Y. (2011). The effect of school quality and residential environment on mode choice of school trips, *Transportation Research Record: Journal of the Transportation Research Board*, 2213, 96-104.

RESEARCH PROJECTS (selected)

- "China's resource-based cities in the shrinking paradigm: population change, economic revitalisation, and urban liveability", Early Career Research Grant Scheme, Regional Studies Association (RSA)
- "Promoting e-Mobility in Hong Kong: Institutional and Spatial Contexts, Public Acceptance, and the Location Choice of Public EV Charging Facilities", Public Policy Research (PPR) Funding Scheme, Central Policy Unit, The Government of the Hong Kong SAR
- "An assessment of Hong Kong's spatial planning in new towns from the perspectives of job accessibility, transport mobility patterns, and work-life balance", General Research Fund (GRF), Hong Kong Research Grants Council
- "Out-of-Home Activities and Social Exclusion among Hong Kong's Aging Population: A Study of the Elderly's Activity-Travel Patterns and Its Implication on Well-being", Public Policy Research (PPR) Funding Scheme, Central Policy Unit, The Government of the Hong Kong SAR
- "Understanding the spatial planning of public EV charging facilities: A supply-side analysis in Hong Kong and Berlin", RGC Germany/Hong Kong Joint Research Scheme, Germany Academic Exchange Service (DAAD) and Hong Kong Research Grants Council (RGC)

FELLOWSHIP & AWARDS (selected)

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| 2013 | John Dyckman Award for Best Dissertation in Planning, USC Sol Price School of Public Policy |
| 2011 | BMW Group Institute for Mobility Research (ifmo) Mobility Cultures in Megacities Fellowship, Munich |
| 2009, 2010 | Dwight David Eisenhower Transportation Fellowship, Federal Highway Administration, US Department of Transportation |
| 2009 | Myra L. Frank Memorial Graduate Scholarship (First Place), Women's Transportation Seminar (WTS) - Los Angeles County Chapter |
| 2008 | Second Place in the First International Apartment Rental Forecasting Competition, Japanese Association of Real Estate Financial Engineering |
| 2007 | Christine Mirzayan Science and Technology Policy Graduate Fellowship, US National Academy of Sciences (NAS) |