

## Xinyu (Jason) CAO

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### EDUCATION

Ph.D. Civil & Environmental Engineering, University of California, Davis, 2006  
M.S. Statistics, University of California, Davis, 2005  
M.E. Management Science and Engineering, Tsinghua University, Beijing China, 2001  
B.E. Civil Engineering, Tsinghua University, Beijing China, 1998

### EMPLOYMENT EXPERIENCE

Professor, Humphrey School of Public Affairs, University of Minnesota, Twin Cities  
(Assistant Professor, 2007-2013; Associate Professor, 2013-2017)  
Visiting professor, Peking University, Shenzhen, China, 2019  
Visiting professor, Shaanxi Normal University, Xi'an, China, 2014-2015  
Affiliate Faculty, Department of Civil, Environmental and Geo-Engineering, University of Minnesota,  
Twin Cities, 2007-present  
Research Scholar, Center for Transportation Studies, University of Minnesota, 2008-present  
Associate Research Fellow, Upper Great Plains Transportation Institute, North Dakota State University,  
2006-2007

### AWARDS AND HONORS

Dean's Scholar, Humphrey School of Public Affairs, University of Minnesota, 2012-2016  
Wootan Award for Outstanding Ph. D. Dissertation in Policy and Planning, Council of University  
Transportation Centers, 2006  
Outstanding Dissertation Award, the Friends of ITS-Davis, 2006  
Dissertation Fellowship, University of California Transportation Center, 2005

### RESEARCH EXPERIENCE AND GRANTS

1. Impact of Transitways on Travel on Parallel and Adjacent Roads, 2019-2020, (Principal Investigator: Alireza Khani; Co-PI: **Jason Cao**), Sponsored by MnDOT, \$109,952
2. Exploring the influence of the rail transit oriented built environment on travel and planning strategy, 2019-2022, (Principal Investigator: Chuan Ding; Investigator: **Jason Cao**), Sponsored by National Natural Science Foundation of China, \$68,000, no funding for UMN.
3. Examining the challenges and opportunities of autonomous vehicles to urban planning, 2018-2019, (**Principal Investigator: Jason Cao**; Investigator: Frank Douma), Center for Transportation Studies, University of Minnesota, \$36,200.

4. Pedestrian and Bicycle Safety, Equity, and Street Funding: New Criteria for Prioritizing Multimodal Street Projects in Minneapolis, 2018-2019, (Principal Investigator: Greg Lindsey; **Investigator: Jason Cao**), Road Safety Institute, University of Minnesota, \$58,732.
5. Connecting the Smart-City Paradigm with a Sustainable Urban Infrastructure Systems Framework to Advance Equity in Communities, 2017-2021, (Principal Investigator: Shashi Shekhar, Richard Feiock, Anu Ramaswami, Venkatesh Merwade, Julian Marshall; **Investigator: Jason Cao** among others), National Science Foundation, \$2.5 million.
6. After Study of the Bus Rapid Transit ‘A Line’ Impacts, 2017-2018, (Principal Investigator: Alireza Khani; Co-PI: **Jason Cao**), Sponsored by MnDOT, \$105,369
7. Green Line LRT and Housing Price, 2016-2017, (**Principal Investigator: Jason Cao**), Sponsored by Center for Transportation Studies, University of Minnesota, \$5,000.
8. ABC Ramps Transportation Options, 2016-2017, (Principal Investigator: Frank Douma, **Investigator: Jason Cao**, Yingling Fan, Adeel Lari, Barbara Rohde), Sponsored by MnDOT, \$265,817.
9. SRN: Integrated Urban Infrastructure Solutions for Environmentally Sustainable, Healthy and Livable Cities, 2015-2019, (Principal Investigator: Anu Ramaswami, Armistead Russell, Yingling Fan, Benjamin Orlove, and Patricia Culligan; **Investigator: Jason Cao** among others), in charge of transportation testbed, National Science Foundation, \$12 million.
10. Assessing the effects of different urban transport modal accessibility on auto travel behavior, 2015-2017, (Principal Investigator: Xiaoyan Huang; Investigator: **Jason Cao**), Sponsored by National Natural Science Foundation of China, \$35,000, no funding for UMN
11. Exploring the Walking Tolerance of Transitway Users, 2015-2017, (**Principal Investigator: Jason Cao**), Sponsored by MnDOT, \$93,123.
12. The Futures Project: Planning for Technology Change, 2015-2016, (Principal Investigator: David Levinson; **Investigator: Jason Cao**, Yingling Fan, Greg Lindsey, Adam Boies), sponsored by MnDOT and Local Road Research Board, \$100,000.
13. The impacts of transportation investments on economic growth in the Twin Cities, 2014-2015, (**Principal Investigator: Jason Cao** and Michael Iacono; Investigator: David Levinson and Andrew Owen), sponsored by University Metropolitan Consortium and Center for Transportation Studies, \$107,282
14. Where and how should we build our homes? Residential location, activity participation and travel behavior, 2014-2017, (Principal Investigator: Petter Naess; Investigator: **Jason Cao** among others), sponsored by Norwegian Research Council, NOK 5 million.
15. The effects of transitways on auto ownership and auto use: Evidence from the Hiawatha LRT, 2014-2015, (**Principal Investigator: Jason Cao**), sponsored by Minnesota Transitway Impact Research Program, \$49,974.
16. Green Line LRT and Building Activities, 2014-2015, (**Principal Investigator: Jason Cao**), Sponsored by Center for Transportation Studies, University of Minnesota, \$7,245.
17. Travel behavior over time, 2013-2015, (Principal Investigator: David Levinson; **Investigator: Jason Cao**, Yingling Fan, Greg Lindsey, Michael Iacono), sponsored by MnDOT, \$261,635.
18. Exploring strategies for promoting modal shifts to transitways, 2013-2014, (**Principal Investigator: Jason Cao**; Investigator: Yingling Fan, Andy Guthrie), sponsored by MnDOT, \$112,066.
19. PIRE: Developing low-carbon cities in the USA, China & India through inter-disciplinary integration across engineering, environmental sciences, social sciences & public health, 2012-2017, (Principal

Investigator: Anu Ramaswami, Armistead Russell, Marian Chertow, Christopher Weible, and Patricia Romero-Lankao; **Investigator: Jason Cao** among others), in charge of land use and transportation interventions, National Science Foundation, \$4.55 million.

20. The impact of light rail transit on sustainable travel and obesity, 2012-2013, (**Principal Investigator: Jason Cao**; Investigator: Lisa Harnack), Center for Transportation Studies, University of Minnesota, \$25,000.
21. Methodologies for counting bicyclists and pedestrians in Minnesota: An integrated approach to measuring and modeling non-motorized traffic, 2011-2013, (Principal Investigator: Greg Lindsey; **Investigator: Jason Cao**), MnDOT, \$99,948.
22. Transportation, environmental, and health impacts of transitways: A case study of the Hiawatha line, 2011-2012, (**Principal Investigator: Jason Cao**), sponsored by Minnesota Transitway Impact Research Program, \$120,000
23. Cost-benefit analysis of value pricing: Case study for MnPASS, 2009-2011, (**Principal Investigator: Jason Cao**; Investigator: Lee Munnich and Henry Liu), sponsored by the ITS Institute (RITA), University of Minnesota, \$106,755.
24. Blueprint for a green, healthy, and livable future: A symposium on transdisciplinary research in policy, planning, engineering, health, law, and humanities, 2009-2010, (**Principal Investigators: Greg Lindsey, Yingling Fan, and Jason Cao**), sponsored by MN Future Grant, University of Minnesota, \$25,000.
25. Exploring the effects of telecommuting on congestion mitigation, 2009-2011, (Principal Investigator: Adeel Lari; **Investigator: Frank Douma and Jason Cao**), sponsored by Minnesota Department of Transportation (through a \$3.5 million telecommuting pilot program in the Urban Partnership Agreement)
26. Value-added: impacts of the proximity to transitway stations on commercial properties, 2009-2010, (**Principal Investigator: Jason Cao**; Investigator: Yingling Fan), sponsored by Minnesota Transitway Impact Research Program. \$50,026.
27. Travel grants, The Consortium for the Study of the Asia, University of Minnesota, \$2,250, 2009-2010
28. Travel grants, The Office of International Program, University of Minnesota, \$4,000, 2009-2010
29. Design of a framework for measuring sustainable regional development, 2009, (Principal Investigator: Bob Johns and Ed Goetz; **Investigator: Jason Cao**, Yingling Fan, Carissa Schively Slotterback), sponsored by McKnight Foundation, \$50,000.
30. Impact of Twin Cities transitways on regional labor market accessibility: A transportation equity perspective, 2008-2010, (Principal Investigator: Yingling Fan; **Investigator: David Levinson and Jason Cao**), sponsored by Minnesota Transitway Impact Research Program, \$58,383.
31. Substitution between e-shopping and travel: Evidence from the Twin Cities, 2008-2009, (**Principal Investigator: Jason Cao**; Investigator: Frank Douma), sponsored by the ITS Institute (RITA), University of Minnesota, \$113,021.
32. Understanding transportation impacts of transitways: Demographic and behavioral differences between transitway riders and other transit riders, 2008-2009, (**Principal Investigator: Jason Cao**), sponsored by Minnesota Transitway Impact Research Program, \$58,400.
33. Residential choice and transit choice of apartment dwellers in small urban areas, 2006-2007, (**Principal Investigator: Jason Cao**; Investigator: Jill Hough), sponsored by the Federal Transit Administration.

34. Realized and unmet travel demand of rural and small-urban elderly women in North Dakota, 2006-2007, (Principal Investigator: Jill Hough; **Investigator: Jason Cao**), sponsored by the Federal Transit Administration.
35. Time-space structure of Chinese urban residents, 2006
36. The relationship between the built environment and physical activity, 2005-2007
37. Modeling the adoption of teleshopping, 2004-2005
38. Study of residential location decision-making as it relates to air quality and transportation, 2003-2005
39. Alternative-fuel vehicle scenario analysis, 2002-2004
40. Modeling individuals' consideration of responses to congestion, 2001-2003

## PUBLICATION AND DISSEMINATION

### A. Refereed Journals

(The underline indicates that a co-author was a student or researcher under my supervision; \* = corresponding author; SCI=science citation index + science citation index expanded; SSCI=social science citation index)

1. Yang, J., **Cao, J.\***, and Zhou, Y. (2021). Elaborating nonlinear association and synergies of subway access and land uses with urban vitality in Shenzhen. *Transportation Research Part A*, 144, 74-88. (SCI-SSCI)
2. Tao, T., Wu, X., **Cao, J.\***, Fan, Y., Das, K., and Ramaswami, A. (2020). Exploring the non-linear relationship between the built environment and active travel in the Twin Cities. *Journal of Planning Education and Research*, (SSCI) <https://doi.org/10.1177/0739456X20915765>
3. Benson, J. L. and **Cao, J.\*** (2020). Did the A-line arterial bus rapid transit affect housing values in Ramsey County, MN? *Findings*, August, 1-6. <https://doi.org/10.32866/001c.16628>
4. **Cao, J.**, Hao, Z., Yang, J.\*, Yin, J.\*, and Huang, X. (2020). Prioritizing neighborhood attributes to enhance neighborhood satisfaction: An impact asymmetry analysis. *Cities*, 105, 102854. (SSCI)
5. Duncan, M.\* and **Cao, J.** (2020). Marginal impacts of park-and-ride facilities in the Twin Cities region of the US. *Transportation Research Record: Journal of the Transportation Research Board*, 2674 (11), 403-413. (SCI)
6. Guan, X., Wang, D.\*, and **Cao, J.** (2020). The role of residential self-selection in land use-travel research: A review of recent findings. *Transport Reviews*, 40 (3), 267-287. (SSCI)
7. Hu, L., **Cao, J.**, and Yang, J. (2020). Planning for accessibility. *Transportation Research Part D*, 88, 102575. (SCI-SSCI, Editorial)
8. Shao, Q., Zhang, W.\*, **Cao, X.**, Yang, J., and Yin, J. (2020). Threshold and moderating effects of land use on metro ridership in Shenzhen: Implications for TOD planning. *Journal of Transport Geography*, 89, 102878. (SSCI)
9. Sun, S., Fang, D.\*, and **Cao, J.** (2020). Exploring the asymmetric influences of stop attributes on rider satisfaction with bus stops. *Travel Behaviour and Society*, 19, 162-169. (SCI)
10. Tao, T.\*, Wang, J., and **Cao, X.** (2020). Exploring the non-linear associations between spatial attributes and walking distance to transit. *Journal of Transport Geography*, 82, 102560. (SSCI)
11. Wu, X., **Cao, X.\***, and Ding, C. (2020). Exploring rider satisfaction with arterial BRT: An application of impact asymmetry analysis. *Travel Behaviour and Society*, 19, 82-89. (SCI)

12. Wu, X., Douma, F., **Cao, J.\***, and Shepard, E. (2020). Preparing transit in the advent of automated vehicles: A focus-group study in the Twin Cities. *Findings*, November, 1-6. <https://doi.org/10.32866/001c.17872>
13. Wu, X.\*, He, X., and **Cao, J.** (2020). Advanced in alternative fuel vehicles. *Transportation Research Part D*, 85, 102408. (SCI-SSCI, Editorial)
14. Xi, G., **Cao, X.\***, and Zhen, F. (2020). The impacts of same day delivery online shopping on local store shopping in Nanjing, China. *Transportation Research Part A*, 136, 35-47. (SCI-SSCI)
15. Xi, G., Zhen, F.\*, **Cao, X.**, and Xu, F. (2020). The interaction between e-shopping and store shopping: Empirical evidence from Nanjing, China. *Transportation Letters*, 12 (3), 157-165. (SSCI)
16. Yang, J., Su, P., and **Cao, J.\*** (2020). On the importance of Shenzhen metro transit to land development and threshold effect. *Transport Policy*, 99, 1-11. (SSCI)
17. Yin, C., **Cao, J.\***, and Sun, B. (2020). Examining non-linear associations between population density and waist-hip ratio: An application of gradient boosting decision trees. *Cities*, 107, 102899. (SSCI)
18. Zhang, W., Zhao, Y., **Cao, X.\***, Lu, D., and Chai, Y. (2020). Nonlinear effect of accessibility on car ownership in Beijing: Pedestrian-scale neighborhood planning. *Transportation Research Part D*, 86, 102445. (SCI-SSCI)
19. **Cao, X.** (2019). Examining the effect of the Hiawatha LRT on auto use in the Twin Cities. *Transport Policy*, 81, 284-292. (SSCI)
20. **Cao, J.\*** and Duncan, M. (2019). Associations between distance, quality, and safety when walking from a park-and-ride facility to the transit station in the Twin Cities. *Journal of Planning Education and Research*, 39 (4), 496-507. (SSCI)
21. **Cao, X.**, Naess, P.\*, and Wolday, F. (2019). Examining the effects of the built environment on auto ownership in two Norwegian urban regions. *Transportation Research Part D*, 67, 464-474. (SCI-SSCI)
22. **Cao, J.\*** and Wu, X. (2019). Exploring the importance of transportation infrastructure and accessibility to satisfaction with urban and suburban neighborhoods: An application of gradient boosting decision trees. *Findings*, February, 1-7. <https://doi.org/10.32866/7209>
23. Ding, C. and **Cao, X.\*** (2019). How does the built environment at residential and work locations affect car ownership? An application of cross-classified multilevel model. *Journal of Transport Geography*, 75, 37-45. (SSCI)
24. Ding, C., **Cao, X.\***, Dong, M., Zhang, Y., and Yang, J. (2019). Non-linear relationships between built environment characteristics and electric-bike ownership in Zhongshan, China. *Transportation Research Part D*, 75, 286-296. (SCI-SSCI)
25. Ding, C., **Cao, X.\***, and Liu, C. (2019). How does the station-area built environment influence Metrorail ridership? Using gradient boosting decision trees to identify non-linear thresholds. *Journal of Transport Geography*, 77, 70-78. (SSCI)
26. Dong, W., **Cao, X.\***, Wu, X., and Dong, Y. (2019). Examining pedestrian satisfaction in gated and open communities: An integration of machine learning and impact-asymmetry analysis. *Landscape and Urban Planning*, 185, 246-257. (SCI)
27. Huang, X.\*, **Cao, X.**, Yin, J., and Cao, X. (2019). Can metro transit reduce driving? Evidence from Xi'an, China. *Transport Policy*, 81, 350-359. (SSCI)
28. Ma, L.\* and **Cao, J.** (2019). How perceptions mediate the effects of the built environment on travel behavior? *Transportation*, 46, 175-197. (SCI-SSCI)

29. Wolday, F., Naess, P., and **Cao, X.\*** (2019). Travel-based residential self-selection: A qualitatively improved understanding from Norway. *Cities*, 87, 87-102. (SSCI)
30. Wu, X., Tao, T., **Cao, J.\***, Fan, Y., and Ramaswami, A. (2019). Examining threshold effects of built environment elements on travel-related carbon-dioxide emissions. *Transportation Research Part D*, 75, 1-12. (SCI-SSCI)
31. Zhai, Q., **Cao, X.\***, and Zhen, F. (2019). The relationship between online shopping and store shopping in the shopping process: An empirical study for books and clothing in Nanjing, China. *Transportation Research Record: Journal of the Transportation Research Board*, 2673 (11), 38-47. (SCI)
32. Zhang, C., **Cao, X.\***, Nagpure, A., and Agarwal, S. (2019). Exploring rider satisfaction with transit service in Indore, India: An application of the three-factor theory. *Transportation Letters*, 11 (8), 469-477. (SSCI)
33. Zhen, F., **Cao, X.\***, and Tang, J. (2019). The role of access and egress in passenger overall satisfaction with high speed rail. *Transportation*, 46(6), 2137-2150. (SCI-SSCI)
34. Zhu, W., Ding, C., and **Cao, X.\*** (2019). Built environment effects on commuting energy consumption: Insights from on-board diagnostics data of personal vehicles. *Transportation Research Part D*, 67, 565-575. (SCI-SSCI)
35. **Cao, X.\*** and Lou, S. (2018). When and how much did the Green Line LRT increase single-family housing values in St. Paul, Minnesota? *Journal of Planning Education and Research*, 38 (4), 427-436. (SSCI)
36. **Cao, X.**, Wu, X., and Yuan, Y.\* (2018). Examining built environmental correlates of neighborhood satisfaction: A focus on analysis approaches. *Journal of Planning Literature*, 33 (4), 419-432. (SSCI)
37. Ding, C., **Cao, X.\***, and Naess, P. (2018). Applying gradient boosting decision trees to examine non-linear effects of the built environment on driving distance in Oslo. *Transportation Research Part A*, 110, 107-117. (SCI-SSCI)
38. Ding, C., **Cao, X.\***, and Wang, Y. (2018). Synergistic effects of the built environment and commuting programs on commute mode choice. *Transportation Research Part A*, 118, 104-118. (SCI-SSCI)
39. Tang, J., Zhen, F.\*, **Cao, J.** and Mokhtarian, P. (2018). How do passengers use travel time? A case study of Shanghai-Nanjing high speed rail. *Transportation*, 45 (2), 451-477. (SCI-SSCI)
40. Wolday, F.\*, **Cao, J.**, and Naess, P. (2018). Examining factors that keep residents with high transit preference away from transit-rich zones and associated behavior outcomes. *Journal of Transport Geography*, 66, 224-234. (SSCI)
41. Wu, X., **Cao, J.\***, and Huting, J. (2018). Using the three-factor theory to identify improvement priorities for express and local bus services: An application of regression with dummy variables in the Twin Cities. *Transportation Research Part A*, 113, 184-196. (SCI-SSCI)
42. Yuan, Y.\* , Xu, M., **Cao, X.**, and Liu, S. (2018). Exploring urban-rural disparity of the multiple deprivation index in Guangzhou City from 2000 to 2010. *Cities*, 79, 1-11. (SSCI)
43. Zhen, F.\* , **Cao, J.**, and Tang, J. (2018). Exploring correlates of passenger satisfaction with high speed rail and service improvement priorities. *Journal of Transport and Land Use*, 11, 559-573. (SSCI)
44. Zhen, F., Du, X., **Cao, J.\***, and Mokhtarian, P.L. (2018). The association between spatial attributes and e-shopping in the shopping process for search goods and experience goods: Evidence from Nanjing. *Journal of Transport Geography*, 66, 291-299. (SSCI)

45. **Cao, X.** (2017). Land use and transportation in China. *Transportation Research Part D*, 52, 423-427. (SCI-SSCI, Editorial)
46. **Cao, X.\***, Boarnet, M., and Cao, X. (2017). Low carbon cities: land use and transportation intervention. *Journal of Regional Science*, 57, 467-469. (SSCI, Editorial)
47. **Cao, J.\*** and Cao, X. (2017). Comparing importance-performance analysis and three-factor theory in assessing rider satisfaction with transit. *Journal of Transport and Land Use*, 10 (1), 65-82. (SSCI)
48. **Cao, J.** and Ermagun, A.\* (2017). The influences of the Hiawatha LRT on changes in travel behavior: A retrospective study on movers. *Urban Studies*, 54 (11), 2504-2520. (SSCI)
49. **Cao, J.\*** and Zhu, P. (2017). Forward: High speed rail. *Transportation Letters*, 9 (4), 185-186. (SSCI, Editorial)
50. Chang, A.\*, Miranda-Moreno, L., **Cao, J.**, and Welle, B. (2017). The effect of BRT implementation and streetscape redesign on physical activity: A case study of Mexico City. *Transportation Research Part A*, 100, 337-347. (SCI-SSCI)
51. Huang, X., **Cao, X.\***, Yin, J., and Cao, X. (2017). Effects of metro transit on the ownership of mobility instruments in Xi'an, China. *Transportation Research Part D*, 52, 409-505. (SCI-SSCI)
52. Næss, P.\* , **Cao, X.**, and Strand, A. (2017). Which D's are the important ones? The effects of built environment characteristics on driving distance in Oslo and Stavanger. *Journal of Transport and Land Use*, 10 (1), 945-964. (SSCI)
53. Wang, D.\* and **Cao, X.** (2017). Impacts of the built environment on activity-travel behavior: are there differences between public and private housing residents in Hong Kong? *Transportation Research Part A*, 103, 25-35. (SCI-SSCI)
54. Wang, J.\* and **Cao, X.** (2017). Exploring built environment correlates of walking distance of transit egress trips in the Twin Cities. *Journal of Transport Geography*, 64, 132-138. (SSCI)
55. Zhai, Q., **Cao, X.\***, Mokhtarian, P., and Zhen, F. (2017). The interactions between e-shopping and store shopping in the shopping process for search goods and experience goods. *Transportation*, 44 (5), 885-904. (SCI-SSCI).
56. **Cao, X.** (2016). How does neighborhood design affect life satisfaction? Evidence from Twin Cities. *Travel Behaviour and Society*, 5, 68-76. (SCI)
57. **Cao, X.\***, Cao, X., Zhang, C., and Huang, X. (2016). The gaps in satisfaction with transit services among BRT, metro, and bus riders: Evidence from Guangzhou. *Journal of Transport and Land Use*, 9 (3), 97-109. (SSCI)
58. **Cao, X.\*** and Chatman, D. (2016). How will smart growth land use policies affect travel? A theoretical discussion on the importance of residential sorting. *Environment and Planning B*, 43 (1), 58-73. (SSCI)
59. **Cao, X.\*** and Pan, Q. (2016). Rapid transit and land development in a diverse world. *Transport Policy*, 51, 1-3. (SSCI, Editorial)
60. **Cao, X.\*** and Porter-Nelson, D. (2016). Real estate development in anticipation of the Green Line light rail transit in St. Paul. *Transport Policy*, 51, 24-32. (SSCI)
61. **Cao, X.\*** and Wang, D. (2016). Environmental correlates of residential satisfaction: An exploration of mismatched neighborhood characteristics in the Twin Cities. *Journal of Landscape and Urban Planning*, 150, 26-35. (SCI)
62. **Cao, J.\*** and Zhang, J. (2016). Built Environment, mobility, and quality of life. *Travel Behaviour and Society*, 5, 1-4. (SCI, Editorial)

63. Aditjandra, P. T.\*, **Cao, X.**, and Mulley, C. (2016). Exploring changes in public transport use and walking following residential relocation: a British case study. *Journal of Transport and Land Use*, 9 (3), 77-95. (SSCI)
64. Huang, X.\*, Cao, X., and **Cao, J.** (2016). The association between transit accessibility and auto ownership: Evidence from Guangzhou, China. *Transportation Planning and Technology*, 39 (3), 269-283. (SCI)
65. Huang, X.\* , **Cao, X.**, Cao, X., and Yin, J. (2016). How does the propensity of living near rail transit moderate the influence of rail transit on transit trip frequency in Xi'an? *Journal of Transport Geography*, 54, 194-204. (SSCI)
66. Yin, J.\*, **Cao, X.**, Huang, X., and Cao, X. (2016). Applying the IPA–Kano model to examine environmental correlates of residential satisfaction: A case study of Xi'an. *Habitat International*, 53, 461-472. (SSCI)
67. Zhang, C., **Cao, X.\***, and Ramaswami, A. (2016). A novel analysis of consumption-based carbon footprints in China: Unpacking the effects of urban settlement and rural-to-urban migration. *Global Environmental Change*, 39, 285-293. (SCI-SSCI)
68. Zhen, F., **Cao, X.\***, Mokhtarian, P. L., and Xi, G. (2016). Association between online purchasing and store purchasing: Comparison of four product types in Nanjing, China. *Transportation Research Record: Journal of the Transportation Research Board*, 2566, 93-101. (SCI)
69. **Cao, X.** (2015). Heterogeneous effects of neighborhood type on commute mode choice: An exploration of residential dissonance in the Twin Cities. *Journal of Transport Geography*, 48, 188-196. (SSCI)
70. **Cao, X.** (2015). Examining the impacts of neighborhood design and residential self-selection on active travel: A methodological assessment. *Urban Geography*, 36 (2), 236-255. (SSCI)
71. **Cao, X.** (2015). Residential preference and choice of movers in light rail neighborhoods in Minneapolis, Minnesota. *Transportation Research Record: Journal of the Transportation Research Board*, 2494, 1-10. (SCI)
72. Schoner, J. E., **Cao, X.\***, and Levinson, D. (2015). Catalysts and magnets: Built environment and bicycle commuting. *Journal of Transport Geography*, 47, 100-108. (SSCI)
73. **Cao, J.** (2014). Residential self-selection in the relationship between the built environment and travel behavior: Introduction to the special issue. *Journal of Transport and Land Use*, 7 (3), 1-3. (SSCI, Editorial)
74. **Cao, J.\*** and Cao, X. (2014). The impacts of LRT, neighborhood characteristics, and self-selection on auto ownership: Evidence from Twin Cities. *Urban Studies*, 51 (10), 2068-2087. (SSCI)
75. **Cao, X.\*** and Ettema, D. (2014). Satisfaction with travel and residential self-selection: How do preferences moderate the impact of the Hiawatha light rail line? *Journal of Transport and Land Use*, 7 (3), 93-108. (SSCI)
76. **Cao, X.\*** and Schoner, J. (2014). The influence of light rail transit on transit uses: An exploration of station area residents along the Hiawatha line in Minneapolis. *Transportation Research Part A*, 59 (1), 134-143. (SCI-SSCI)
77. Schoner, J.\* and **Cao, X.** (2014). Walking for purpose and pleasure: Influences of light rail transit, the built environment, and residential self-selection on pedestrian travel. *Transportation Research Record: Journal of the Transportation Research Board*, 2462, 67-76. (SCI)
78. **Cao, J.** (2013). The association between light rail transit and satisfactions with travel and life: Evidence from Twin Cities. *Transportation*, 40 (5), 921-933. (SCI-SSCI)



79. **Cao, X.\***, **Chen, Q.**, and Choo, S. (2013). Geographic distribution of e-shopping: Application of structural equations models in the Twin Cities. *Transportation Research Record: Journal of the Transportation Research Board*, 2383, 18-26. (SCI)
80. **Cao, X.** **Wongmonta, S.**, and Choo, S.\* (2013). Examining the adaptation process of people's behavioral responses to high gasoline costs. *KSCE Journal of Engineering*, 17 (4), 815-823. (SCI)
81. **Ko, K.** and **Cao, X.\*** (2013). The impacts of Hiawatha light rail on commercial and industrial property values in Minneapolis. *Journal of Public Transportation*, 16 (1), 47-66. (SSCI)
82. **Cao, X.** (2012). The Interactions between e-shopping and store shopping in the shopping process of search goods. *Transportation Research Part A*, 46 (7), 993-1002. (SCI-SSCI)
83. **Cao, X.\*** and Fan, Y. (2012). Exploring the influences of density on travel behavior using propensity score matching. *Environment and Planning B*, 39 (5), 459-470. (SSCI)
84. **Cao, X.\***, **Xu, Z.**, and Douma, F. (2012). The interactions between e-shopping and traditional in-store shopping: An application of structure equations model. *Transportation*, 39 (5), 957-974. (SCI-SSCI)
85. **Cao, X.\***, **Xu, Z.**, and Huang, Y. (2012). Safety benefits of converting HOV lanes to HOT lanes: Case study of the I-394 MnPass. *ITE Journal*, 82 (2), 32-37. (SCI)
86. Aditjandra, P. T.\* , **Cao, X.**, and Mulley, C. (2012). Understanding neighbourhood design impact on travel behaviour: An Application of structural equations model to the British micro-analysis data. *Transportation Research Part A*, 46 (1), 22-32. (SCI-SSCI)
87. **Cao, X.** (2010). Exploring causal effects of neighborhood type on walking behavior using stratification on the propensity score. *Environment and Planning A*, 42 (2), 487-504. (SSCI)
88. **Cao, X.\***, Douma, F., and **Cleaveland, F.** (2010). Influence of e-shopping on shopping travel: Evidence from Twin Cities. *Transportation Research Record: Journal of the Transportation Research Board*, 2157, 147-154. (SCI)
89. **Cao, X.\***, Mokhtarian, P. L., and Handy, S. L. (2010). Neighborhood design and the accessibility of the Elderly: An empirical analysis in Northern California. *The International Journal of Sustainable Transportation*, 4 (6), 347-371. (SSCI)
90. **Cao, X.\***, **Xu, Z.**, and Fan, Y. (2010). Exploring the connections among residential location, self-selection, and driving: Propensity score matching with multiple treatments. *Transportation Research Part A*, 44 (10), 797-805. (SCI-SSCI)
91. **Cao, X.** (2009). Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. *Transportation*, 36 (2), 207-222. (SCI-SSCI)
92. **Cao, X.** (2009). E-shopping, spatial attributes, and personal travel: A review of empirical studies. *Transportation Research Record: Journal of the Transportation Research Board*, 2135, 160-169. (SCI)
93. **Cao, X.\***, Mokhtarian, P. L., and Handy, S. L. (2009). The relationship between the built environment and nonwork travel: A case study of Northern California. *Transportation Research Part A*, 43 (5), 548-559. (SCI-SSCI)
94. **Cao, X.\***, Mokhtarian, P. L., and Handy, S. L. (2009). Examining the impacts of residential self-selection on travel behavior: A focus on empirical findings. *Transport Reviews*, 29 (3), 359-395. [One of the 30 best articles in the 30 year history of the journal] (SSCI)
95. **Cao, X.**, Mokhtarian, P. L.\* , and Handy, S. L. (2009). No particular place to go: An empirical analysis of travel for the sake of travel. *Environment and Behavior*, 41 (2), 233-257. (SSCI)

96. Mokhtarian, P. L.\*, Ory, D. T., and **Cao, X.** (2009). Shopping-related attitudes: A factor and cluster analysis of Northern California shoppers. *Environment and Planning B*, 36 (2), 204-228. (SSCI)
97. **Cao, X.** (2008). Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. *Transportation Research Record: Journal of the Transportation Research Board*, 2077, 97-105. (SCI)
98. **Cao, X.\*** and Hough, J. (2008). Hedonic value of transit accessibility: An empirical analysis in a small urban area. *Journal of the Transportation Research Forum*, 47 (3), 171-183.
99. **Cao, X.**, Mokhtarian, P. L.\*, and Handy, S. L. (2008). Differentiating the influence of accessibility, attitudes, and demographics on stop participation and frequency during the evening commute. *Environment and Planning B*, 35 (3), 431-442. (SSCI)
100. Handy, S. L.\*, **Cao, X.**, and Mokhtarian, P. L. (2008). The causal influence of neighborhood design on physical activity within the neighborhood: Evidence from Northern California. *American Journal of Health Promotion*, 22 (5), 350-358. (SSCI)
101. Handy, S. L.\*, **Cao, X.**, and Mokhtarian, P. L. (2008). Neighborhood design and children's outdoor play: Evidence from Northern California. *Children, Youth and Environments*, 18 (2), 160-179.
102. Hough, J. \*, **Cao, X.**, and Handy, S. (2008). Exploring travel behavior of elderly women in rural and small urban North Dakota: An ecological modeling approach. *Transportation Research Record: Journal of the Transportation Research Board*, 2082, 125-131. (SCI)
103. Mokhtarian, P. L.\* and **Cao, X.** (2008). Examining the impacts of residential self-selection on travel behavior: A focus on methodologies. *Transportation Research Part B*, 42 (3), 204-228. (SCI-SSCI)
104. **Cao, X.\*** and Chai, Y. (2007). Gender-role based differences in time allocation: A case study of Shenzhen, China. *Transportation Research Record: Journal of the Transportation Research Board*, 2014, 58-66. (SCI)
105. **Cao, X.\***, Mokhtarian, P. L., and Handy, S. L. (2007). Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. *Transportation*, 34 (5), 535-556. (SCI-SSCI)
106. **Cao, X.**, Mokhtarian, P. L.\*, and Handy, S. L. (2007). Cross-sectional and quasi-panel explorations of the connection between the built environment and auto ownership. *Environment and Planning A*, 39 (4), 830-847. (SSCI)
107. **Cao, X.**, Handy, S. L.\*, and Mokhtarian, P. L. (2006). The influences of the built environment and residential self-selection on pedestrian behavior: Evidence from Austin, TX. *Transportation*, 33 (1), 1-20. (SCI-SSCI)
108. **Cao, X.**, Mokhtarian, P. L.\*, and Handy, S. L. (2006). Neighborhood design and vehicle type choice: Evidence from Northern California. *Transportation Research Part D*, 11 (2), 133-145. (SCI-SSCI)
109. Handy, S. L.\*, **Cao, X.**, and Mokhtarian, P. L. (2006). Self-selection in the relationship between built environment and walking: Evidence from Northern California. *Journal of the American Planning Association*, 72 (1), 55-74. (SSCI)
110. Goddard, T. B.\*, Handy, S. L., **Cao, X.**, and Mokhtarian, P. L. (2006). Voyage of the S.S. Minivan: Women's travel behavior in traditional and suburban neighborhoods. *Transportation Research Record: Journal of the Transportation Research Board*, 1956, 141-148. (SCI)
111. **Cao, X.** and Mokhtarian, P. L.\* (2005). How do individuals adapt their personal travel? Objective and subjective influences on the consideration of travel-related strategies for San Francisco Bay Area commuters. *Transport Policy*, 12 (4), 291-302. (SSCI)

112. **Cao, X.** and Mokhtarian, P. L.\* (2005). How do individuals adapt their personal travel? A conceptual exploration of consideration of travel-related strategies. *Transport Policy*, 12 (3), 199-206. (SSCI)
113. Handy, S. L.\*, **Cao, X.**, and Mokhtarian, P. L. (2005). Correlation or causality between the built environment and travel behavior? Evidence from Northern California. *Transportation Research Part D*, 10 (6), 427-444. (SCI-SSCI)

## B. Other Publications

114. Van Wee, B. and **Cao, X.\*** (2022). Residential self-selection in the relationship between the built environment and travel behavior: A discussion paper presenting a research agenda. Accepted for publication as a book chapter.
115. Næss, P., Peters, P., Stefansdottir, H. Wolday, F., Strand, A., Cao, J., Ihlebæk, C. and Øystein Engebretsen, Ø. (2018). How and why does residential location impact peoples' transport behaviour in structurally different cities? The cases of Oslo and Stavanger. *Kart og Plan*, 2, 133-144. [in Norwegian]
116. **Cao, X.** and Wang, D. (2016). *The association between travel and satisfactions with travel and life: Evidence from Twin Cities*. Chapter 8 In *Mobility, Sociability, and Well-being of Urban Living*, (Eds): Donggen Wang and Shenjing He. Springer. (Refereed book chapter)
117. Pan, Q. and **Cao, J.** (2015). *Recent Development in Chinese Urban Planning*. Springer, New York. ISBN 978-3-319-18469-2. (Edited book)
118. **Cao, X.** (2015). *The effects of neighbourhood type and self-selection on driving: A case study of Northern California*, Chapter 10 in *International Handbook on Transport and Development*, (Eds): Robin Hickman, Moshe Givoni, David Bonilla, David Banister, Cheltenham, Edward Elgar. (Refereed book chapter)
119. **Cao, J.** and Cao, X. (2014). Neighborhood design plays a critical role in affecting auto ownership around light rail transit developments. LSE blogs.  
<http://blogs.lse.ac.uk/usappblog/2014/07/08/neighborhood-design-plays-a-critical-role-in-affecting-auto-ownership-around-light-rail-transit-developments/>
120. **Cao, X.** and Mokhtarian, P.L. (2012). *The impacts of residential neighborhood accessibility and self-selection on walking to stores*. Pp. 73-95 in *Accessibility and Transport Planning: Challenge for Europe and North America*, eds. Guers, K., Krizek, K., and Reggiani, R. USA: Edward Elgar Publishing. (Refereed book chapter)
121. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2011). *Examining the impacts of residential self-selection on travel behavior: Methodologies and empirical findings*. pp. 15-100 in *Urban Sustainable Mobility*, eds. Venezia, E. Italy: FrancoAngeli. (Refereed book chapter)
122. Handy, S., **Cao, X.**, and Mokhtarian, P. (2009). The role of self-selection in explaining the effect of built environment on active travel. *Policy Brief for the Active Living Research*. (Refereed)
123. **Cao, X.**, Handy, S. L., and Mokhtarian, P. L. (2008). *Neighborhood design as a strategy for improving air quality: Evidence from Northern California*. pp. 1-13 in *Transportation Land Use, Planning, and Air Quality*, eds. Pulugurtha, S., R. O'Loughlin, and S. Hallmark. Reston, VA: ASCE. (Refereed book chapter)

## C. Publications in Chinese

124. Yuan, Y., Ding, K., Cao, X., Wu, X. (2018). A review of neighborhood satisfaction. *Urban Development Studies*, 25 (10), 105-111. (Refereed)
125. Du, X., Zhen, F., and **Cao, J.** (2017). Influential factors and spatial effects of individuals' shopping behavior in Nanjing: A comparative study on four types of goods. *Geographical Research*, 36 (5), 957-971. (Refereed)
126. Zhang, Y., Zhen, F., **Cao, X.**, Zhai, Q., Zhang Y. (2017). A comparative study on residents' shopping process by differentiating location and types of goods: A case study of Nanjing City. *Human Geography*, 32 (1), 107-115. (Refereed)
127. **Cao, X.** (2015). Examining the relationships between neighborhood built environment and travel behavior: A review from US perspective. *Urban Planning International*, 4, 46-52. (Refereed)
128. **Cao, X.** (2015). *The role of residential self-selection in the relationship between the built environment and travel behavior: Literature review*. Chapter 9 (pp.122-133) in *The Frontier of Space-Time Behavior Research*, (Eds): Yanwei Chai. Nanjing: Southeast University Express. (Refereed)
129. **Cao, X.** and Zhu, H. (2002). Application of privileges in addressing late construction payment. *Construction Enterprise Management*, 2, 18-19.
130. **Cao, X.**, Zhou, S., and Zhu, H. (2001). Liability of default in bidding and tendering conspiracy. *Architecture*, 6, 11-13.
131. **Cao, X.**, Zhu, H., and Zhang, W. (2001). Equity of liability in construction quality. *Construction Economy*, 4, 6-10.
132. **Cao, X.** and Zhu, H. (2001). Amendment suggestion to agreement in construction contract. *Architecture*, 2, 14-16.
133. Zhu, H. and **Cao, X.** (2001). Legal consideration of liability in construction quality. *Architecture*, 4, 4-5.
134. **Cao, X.** and Zhu, H. (2000). Query and remedy in bidding and tendering activities. *Construction Economy*, 5, 9-11.

#### **D. Research Reports**

135. Wu, X., Douma, F., and **Cao, J.** (2019). Challenges and opportunities of autonomous vehicles to urban planning: Investigation into transit and parking. Research Report CTS 19-30, Center for Transportation Studies, University of Minnesota, October.
136. Lindsey, G., Tao, T., Wang, J., and **Cao, J.** (2019). Pedestrian and Bicycle Crash Risk and Equity: Implications for Street Improvement Projects. Research Report CTS 19-15, Center for Transportation Studies, University of Minnesota, June.
137. **Cao, J.**, Lampe, J., and Zhang, C. (2017). Exploring Walking Tolerance of Transitway Users. Report no. MN/RC 2017-29. Minnesota Department of Transportation, September.
138. **Cao, J.**, Iacono, M., Levinson, D., and Cui, M. (2016). The Impacts of Transportation Investment on Economic Growth in the Twin Cities. Research Report CTS 16-11, Center for Transportation Studies, University of Minnesota, June.
139. Levinson, D., Boies, A., **Cao, J.**, and Fan, Y. (2016). The Transportation Futures Project: Planning for Technology Change. Report no. MnDOT 2016-02. Minnesota Department of Transportation, January.

140. **Cao, X.**, Fan, Y., Guthrie, A., and Zhang, Y. (2015). Exploring Strategies to Promote Mode Shifts to Transitways. Research Report CTS 15-14, Center for Transportation Studies, University of Minnesota, December.
141. **Cao, X.** and Porter, D. (2015). Real Estate Development in Anticipation of the Green Line Light Rail Transit in St. Paul. Research Report CTS 15-09, Center for Transportation Studies, University of Minnesota, November.
142. **Cao, X.** and Ermagun, A. (2015). The Influences of the Hiawatha LRT on Changes in Travel Behavior: A Retrospective Study on Movers. Research Report CTS 15-10, Center for Transportation Studies, University of Minnesota, November.
143. Levinson, D., Lindsey, G., Fan, Y., **Cao, J.**, Iacono, M., Brosnan, M., Guthrie, A., and Schoner, J. (2015). Travel Behavior Over Time. Report no. MnDOT 2015-23. Minnesota Department of Transportation, June.
144. **Cao, X.** and Schoner, J. (2013). *Transportation Impact of Transitways: A Case Study of Hiawatha Light Rail Transit in Minneapolis*. Research Report CTS 13-13, Center for Transportation Studies, University of Minnesota, March.
145. **Cao, X.** Liu, H., He, X., Xu, Z. Huang, A. Munnich, L. (2012). Benefit and Cost Analysis of the I-394 MnPASS Program. Research Report CTS 12-03, Center for Transportation Studies, University of Minnesota, February.
146. **Cao, X.**, Douma, F., Cleaveland, F. & Xu, Z. (2010). *The Interactions between E-Shopping and Store Shopping: A Case Study of the Twin Cities*. Research Report CTS 10-12, Center for Transportation Studies, University of Minnesota, August.
147. Ko, K. & **Cao, X.** (2010). *Impacts of the Hiawatha Light Rail Line on Commercial and Industrial Property Values in Minneapolis*. Research Report CTS 10-05, Center for Transportation Studies, University of Minnesota, June.
148. Kaydee, K., Tableporter, J., Senn, A., Day, J., **Cao, J.**, Fan, Y., Schively Slotterback, C., Goetz, E., and McGinnis, L. (2010). *Framework for measuring sustainable regional development for the Twin Cities Region*. Research Report CTS 10-04, Center for Transportation Studies, University of Minnesota, January.
149. **Cao, X.**, and Jordan, R. (2009). *Understanding Transportation Impacts of Transitways: Demographic and Behavioral Difference between LRT Riders and Other Transit Riders*. Research Report CTS 09-16, Center for Transportation Studies, University of Minnesota, July.
150. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2008). *Examining the Impacts of Residential Self-selection on Travel Behavior: Methodologies and Empirical Findings*. Research Report CTS 08-24, Center for Transportation Studies, University of Minnesota, October.
151. **Cao, X.** and Hough, J. (2007). *Hedonic Value of Transit Accessibility: An Empirical Analysis in a Small Urban Area*. Research Report DP-191, Upper Great Plains Transportation Institute, North Dakota State University.
152. **Cao, X.** and Chai, Y. (2007). *Gender-role based differences in time allocation: A case study of Shenzhen, China*. Research Report DP-190, Upper Great Plains Transportation Institute, North Dakota State University.
153. **Cao, X.**, Mokhtarian, P. L., and Handy, S. L. (2007). *Neighborhood design and aging: An empirical analysis in Northern California*. Research Report DP-189, Upper Great Plains Transportation Institute, North Dakota State University.

154. **Cao, X.** (2006). *The Causal Relationship between the Built Environment and Personal Travel Choice: Evidence from Northern California*. Ph.D. Dissertation, University of California Davis.
155. **Cao, X.** and Mokhtarian, P. L. (2005). *The Intended and Actual Adoption of Online Purchasing: A Brief Review of Recent Literature*. Research Report UCD-ITS-RR-05-07, Institute of Transportation Studies, University of California, Davis, June.
156. Handy, S., Mokhtarian, P., Buehler, T., and **Cao, X.** (2004). *Residential Location Choice and Travel Behavior: Implications for Air Quality*. Research Report, UC Davis – Caltrans Air Quality Project, University of California, Davis, June.
157. **Cao, X.** and Mokhtarian, P. L. (2004). *The Future Demand of Alternative Fuel Passenger Vehicles: A Diffusion of Innovation Approach*. Research Report, UC Davis – Caltrans Air Quality Project, University of California, Davis, July.
158. **Cao, X.** and Mokhtarian, P. L. (2003). *Modeling the Individual Consideration of Travel-related Strategies*. Research Report UCD-ITS-RR-03-03, Institute of Transportation Studies, University of California, Davis, May.

#### **E. Academic Presentations**

1. Non-linear and threshold effects in land use and transportation research. Invited talk at Beijing Jiaotong University (online). November 11, 2020.
2. Elaborating non-linear associations and synergies of subway access and land uses with urban vitality in Shenzhen. Presented at the 60th ACSP Online Conference. November 5-8, 2020.
3. Associations among distance, quality, and safety when walking from a park-and-ride facility to the transit station in the Twin Cities. Presented at the 60th ACSP Online Conference. November 5-8, 2020.
4. Non-linear and threshold effects in land use and transportation research. Invited talk at Tongji University (online). October 13, 2020
5. Methodological evolution in residential satisfaction research. Invited talk at Yunan University, Kunming. December 27, 2019.
6. Asymmetric analysis of pedestrian satisfaction in gated and open communities. Invited talk at Sichuan University, Chengdu. December 26, 2019.
7. Research agenda for residential self-selection in the relationship between the built environment and travel behavior. Invited talk at Chengdu University of Technology, Chengdu. December 26, 2019.
8. Asymmetric analysis of pedestrian satisfaction in gated and open communities. Invited talk at Jilin University of Architecture, Chengdu. December 18, 2019.
9. Examining non-linear and synergistic effects of the built environment on driving behavior. Invited talk at University of International Business and Economics, Beijing. December 2, 2019.
10. Examining non-linear and synergistic effects of the built environment on driving behavior. Invited talk at Dalian Maritime University. November 27, 2019.
11. Examining non-linear and synergistic effects of the built environment on auto use. Invited talk at Beijing Transportation Institute. November 25, 2019.
12. Non-linear and threshold effects in land use and transportation research. Keynote speech at the 7th International Conference on Transportation and Space-time Economics, Beijing. October 13, 2019.

13. Non-linear and threshold effects in land use and transportation research. Invited talk at Peking University Shenzhen Graduate School, Shenzhen. October 9, 2019.
14. Cao, Wu. Exploring Rider Satisfaction with Arterial BRT: An Integration of the Impact Asymmetry Analysis and Gradient Boosting Decision Trees. Presented at the 58th ACSP Conference. Buffalo, October 25-28, 2018.
15. Cao. Methodological evolution in residential satisfaction research. Invited talk at Beijing Jiaotong University. July 11, 2018.
16. Cao, Zhen, and Tang. The role of access and egress in passenger overall satisfaction with high speed rail. Presented at The 18th COTA International Conference of Transportation Professionals. Beijing. July 5-8, 2018.
17. Cao. Applying gradient boosting decision trees to examine non-linear effects of the built environment on driving distance in Oslo. Presented at the World Transport Convention, Beijing. June 19-21, 2018.
18. Cao. Examining factors keeping transit-liking residents away from transit-rich zones and associated transit use. Invited talk at Northeast University, Shenyang. May 30, 2018.
19. Cao. Satisfaction with Guangzhou BRT and improvement priorities. Invited talk at Beihang University, Beijing. May 24, 2018.
20. Cao. Examining factors keeping transit-liking residents away from transit-rich zones and associated transit use. Invited talk at Nanjing Forest University, Nanjing. May 22, 2018.
21. Cao. Examining factors keeping transit-liking residents away from transit-rich zones and associated transit use. Invited talk at Nanjing University, Nanjing. May 21, 2018.
22. Cao. Methodological evolution in residential satisfaction research. Invited talk at Tongji University, Shanghai. May 18, 2018.
23. Cao. Methodological evolution in residential satisfaction research. Invited talk at Shanghai University, Shanghai. May 17, 2018.
24. Cao. Examining factors keeping transit-liking residents away from transit-rich zones and associated transit use. Invited talk at Peking University, Beijing. May 7, 2018.
25. Cao. When and how much did the Green Line light rail increase building activities and property values in St. Paul? Invited talk at Shenzhen Transportation Research Institute, Shenzhen. March 20, 2018.
26. Cao, Ding, and Naess. Examining non-linear effects of the built environment on driving distance: Evidence from Oslo. Invited talk at Northeast Forest University, Harbin. March 15, 2018.
27. Cao, Ding, and Naess. Examining non-linear effects of the built environment on driving distance: Evidence from Oslo. Invited talk at Peking University, Beijing. March 9, 2018.
28. Cao. When and how much did the Green Line light rail increase building activities and property values in St. Paul? Invited talk at Beijing Jiaotong University, Beijing. March 9, 2018.
29. Wu and Cao. Exploring Satisfaction with Arterial BRT and Local Bus in the Twin Cities: A Machine Learning Approach. Presented at the 97th Transportation Research Board Annual Meeting. January 7-11, 2018. [Presented by Wu]
30. Cao and Duncan. Do Park-and-Ride Transit Stations Need to Be Built Adjacent to the Transit Station? Examining the Walking Tolerance of Park-and-Ride Users in the Twin Cities, Minnesota. Presented at the 97th Transportation Research Board Annual Meeting. Washington DC. January 7-11, 2018. [Presented by Duncan]

31. Cao, Zhen, and Tang. Access and Egress of HSR Stations and Their Role in Passengers' Overall Satisfaction with HSR Journeys. Presented at the 97th Transportation Research Board Annual Meeting. Washington DC. January 7-11, 2018.
32. Cao. Using the three-factor asymmetric analysis to explore satisfaction with walking. Invited talk at Harbin Institute of Technology, Harbin, January 2, 2018.
33. Cao, Lou. When and how much did the Green Line LRT increase housing values in St. Paul, Minnesota? Presented at University of Sydney, Australia, December 5, 2017.
34. Cao, Naess, and Wolday. Urban Containment & Inner-City Densification Reduce Auto Ownership. Presented at the 57th ACSP Conference. Denver, October 12-15, 2017.
35. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Beihua University, Jilin, July 20, 2017.
36. Cao, Cao, Comparing importance-performance analysis and three-factor theory in assessing rider satisfaction with transit. World Symposium of Transport and Land Use Research, Brisbane, July 3-6, 2017.
37. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at South China University of Technology, Guangzhou, June 30, 2017.
38. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Shenyang Architecture University, Shanghai, June 13, 2017.
39. Cao. The Effects of the Hiawatha LRT on Travel Behavior. Invited talk at Zhejiang University, Hangzhou, June 7, 2017.
40. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at East China Normal University, Shanghai, June 6, 2017.
41. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Tongji University, Shanghai, June 5, 2017.
42. Cao, Ding, Naess. Exploring non-linear effects of urban containment and neighborhood density on driving distance: An application of machine learning in Oslo. Presented at the 3<sup>rd</sup> international workshop on integrated land use transport modeling, Shanghai, June 3-4, 2017.
43. Cao, Lou. When and how much did the Green Line LRT increase housing values in St. Paul, Minnesota? Presented at the 2<sup>nd</sup> conference of High Speed Rail Research Network, Guangzhou, June 2, 2017.
44. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Shenzhen University, May 31, 2017.
45. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Harbin Institute of Technology, Shenzhen, May 31, 2017.
46. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Xijiao-Livepool University, Soochow, May 29, 2017.
47. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Anhui Architecture University, Hefei, May 26, 2017.
48. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Harbin Institute of Technology, May 22, 2017.
49. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Jilin Architecture University, Changchun, May 19, 2017.



50. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Chongqing University, May 18, 2017.
51. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, May 17, 2017.
52. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Beihang University, May 16, 2017.
53. Cao. A Methodological Review of Environmental Correlates of Neighborhood Satisfaction. Invited talk at Beijing Union University, May 15, 2017.
54. Cao. The effects of LRT development and neighborhood design on travel behavior. Invited talk at Beihang University, Beijing, March 15, 2017.
55. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Heibei University of Technology, Tianjin. March 13, 2017.
56. Cao. How do neighborhood design and LRT influence life satisfaction in the Twin Cities? Invited talk at Tianjin University, Tianjin. March 13, 2017.
57. Cao. Methodological evolution in residential satisfaction research. Invited talk at Tsinghua University, Beijing. Mach 10, 2017.
58. Cao. The interactions between e-shopping and store shopping in the shopping process for search goods and experience goods. Invited talk at the University of Illinois, Chicago, Feb. 10, 2017.
59. Cao. The effects of LRT development and neighborhood design on travel behavior. Invited talk at Northwestern University, Chicago, Feb. 9. 2017.
60. Zhen, Cao, and Tang. Exploring correlates of passenger satisfaction with high speed rail and service improvement priorities. Presented at the 96th Transportation Research Board Annual Meeting. Washington DC. January 8-12, 2017.
61. Wu, Cao, Huting. Using the three-factor theory to identify improvement priorities for express and local bus services: An application of regression with dummy variables in the Twin Cities. Presented at the 96th Transportation Research Board Annual Meeting. Washington DC. January 8-12, 2017. [Presented by Wu]
62. Cao, Lou. When and how much did the Green Line LRT increase housing values in St. Paul, Minnesota? Poster presented at the 96th Transportation Research Board Annual Meeting. Washington DC. January 8-12, 2017.
63. Cao. Methodological evolution in residential satisfaction research. Invited talk at Nanjing University, Nanjing. December 21, 2016.
64. Cao. Methodological evolution in residential satisfaction research. Invited talk at Fudan University, Shanghai. December 19, 2016.
65. Cao. Methodological evolution in residential satisfaction research. Invited talk at Chang'an University, Xi'an. December 16, 2016.
66. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Northwest University, Xi'an. December 16, 2016.
67. Cao. The Effects of the Hiawatha LRT on Travel Behavior. Invited talk at Harbin Institute of Technology, Harbin, December 14, 2016.

68. Cao. How do neighborhood design and LRT influence life satisfaction in the Twin Cities? Invited talk at Northeastern University, Shenyang. December 9, 2016.
69. Young, Cao. Complete Streets: A Policy for Pedestrian and Bike Safety? Seminar at Roadway Safety Institute, University of Minnesota. December 1, 2016.
70. Wang, Cao. Exploring built environment correlates of walking distance of transit egress trips in the Twin Cities. Presented at the 56th ACSP Conference. Portland, November 3-6, 2016. [Presented by Wang]
71. Cao, Lou. When and how much did the Green Line LRT increase residential property values in St. Paul, Minnesota? Presented at the 27th CTS Annual Conference, Center for Transportation Studies, University of Minnesota, Minneapolis, November 3, 2016. [Presented by Lou]
72. Cao. Transit planning and travel satisfaction. Invited presentation at Shandong University, Qingdao. August 10, 2016.
73. Huang, Cao, Yin, Cao. How does the propensity of living near rail transit moderate the influence of rail transit on transit trip frequency in Xi'an? The World Conference on Transportation Research. Shanghai, July 10-15, 2016.
74. Cao. Examining the Effects of the Hiawatha LRT on Auto Use in the Twin Cities. The World Conference on Transportation Research. Shanghai, July 10-15, 2016.
75. Cao, Lou. When and how much did the Green Line LRT increase residential property values in St. Paul. Minnesota. Presented at the 16<sup>th</sup> COTA International Conference of Transportation Professionals. Shanghai Maritime University, Shanghai. July 6-9, 2016.
76. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Harbin Institute of Technology, Harbin, June 22, 2016.
77. Cao. Methodological evolution in residential satisfaction research. Invited talk at Harbin Institute of Technology, Harbin, June 21, 2016.
78. Cao. How does neighborhood design influence life satisfaction in the Twin Cities? Invited talk at East China Normal University, Shanghai. June 17, 2016.
79. Cao. How does neighborhood design influence life satisfaction in the Twin Cities? Invited talk at Tongji University, Shanghai. June 16, 2016.
80. Zhen, Cao, Mokhtarian, Xi. Association between Online Purchasing and Store Purchasing: Comparison of Four Product Types in Nanjing, China. Poster presented at the 95<sup>th</sup> Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2016.
81. Cao, Ermagun. The Influences of the Hiawatha LRT on Changes in Travel Behavior: A Retrospective Study on Movers. Poster presented at the 95<sup>th</sup> Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2016.
82. Chang, Miranda-Moreno, Cao, Welle. The effect of neighborhood transformation and BRT implementation on physical activity of catchment area residents in Mexico City. Presented at the 95<sup>th</sup> Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2016. [presented by Chang]
83. Cao. The effect of Hiawatha LRT on travel behavior. Invited talk at Harbin Institute of Technology, Harbin. December 22, 2015.
84. Cao. How do neighborhood design and LRT influence life satisfaction in the Twin Cities? Invited talk at Harbin Institute of Technology, Harbin. December 21, 2015.

85. Cao. How does neighborhood design influence life satisfaction in the Twin Cities? Invited talk at Peking University, Beijing, December 17, 2015.
86. Cao. The effect of Hiawatha LRT on travel behavior. Invited talk at Transport Planning and Research Institute, Ministry of Transport, Beijing, December 16, 2015.
87. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Renmin University of China, Beijing, December 16, 2015.
88. Cao. The effect of Hiawatha LRT on travel behavior. Invited talk at Sun Yat-sen University, Guangzhou, December 15, 2015.
89. Cao. The effect of Hiawatha LRT on travel behavior. Invited talk at South China University of Technology, Guangzhou, December 14, 2015.
90. Cao, Chang, Miranda-Moreno, Welle. The effect of neighborhood transformation and BRT implementation on physical activity of catchment area residents in Mexico City. Presented at the Conference of Spatial Planning and Behavior, Guangzhou, December 10-11, 2015.
91. Cao, Ermagun. The influences of the Hiawatha LRT on changes in travel behavior: A retrospective study on movers. Presented at the 55th ACSP Conference, Houston, TX, October 22-25, 2015.
92. Zhang, Cao, Nagpure. Applying Three-Factor Approach to Customer Satisfaction of Transit Services in Indore, India. Presented at the 55th ACSP Conference, Houston, TX, October 22-25, 2015. [presented by Zhang]
93. Huang, Cao, Cao, Yin. How if You Reside in the Wrong Neighborhood? The Impacts of Xi'an Metro on Transit Use. Invited talk at the Annual Meeting of Chinese Overseas Transportation Association, Beijing, July 23-28, 2015.
94. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, July 24, 2015.
95. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, Changchun, July 13, 2015.
96. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Dalian University of Technology, Dalian, July 6, 2015.
97. Huang, Cao, Cao, Yin. How if You Reside in the Wrong Neighborhood? The Impacts of Xi'an Metro on Transit Use. Invited talk at the Annual Meeting of China Urban Geography, Dalian, July 4-5, 2015.
98. Huang, Cao, Cao, Yin. How if You Reside in the Wrong Neighborhood? The Impacts of Xi'an Metro on Transit Use. Invited talk at Chongqing Jiaotong University, Chongqing, June 18, 2015.
99. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Peking University, Beijing, June 17, 2015.
100. Cao, Porter. Real Estate Development in Anticipation of the Green Line Light Rail Transit in St. Paul. Presented at the 2015 China Urban Rail Transportation Forum, Beijing, June 16, 2015.
101. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Beihang University, Beijing, June 16, 2015.
102. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Northeast Normal University, Changchun, June 15, 2015.

103. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Zhejiang University, Hangzhou, April 29, 2015.
104. Huang, Cao, Cao, Yin. How if You Reside in the Wrong Neighborhood? The Impacts of Xi'an Metro on Transit Use. Invited talk at Shanghai Jiaotong University, Shanghai, April 29, 2015.
105. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Shanghai University of Finance and Economics, Shanghai, April 28, 2015.
106. Cao, Porter. Real Estate Development in Anticipation of the Green Line Light Rail Transit in St. Paul. Invited talk at Shanghai University of Finance and Economics, Shanghai, April 28, 2015.
107. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Tongji University, Shanghai, April 27, 2015.
108. Zhang, Cao, Ramaswami. Consumption-Based Carbon Footprint of Chinese Urbanization: A Comparison between Rural Residents and Rural Migrants. Presented at the 45<sup>th</sup> Annual Conference of the Urban Affairs Association, Miami, FL, April 8-11, 2015. [Presented by Zhang]
109. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Nanjing University, Nanjing, March 19, 2015.
110. Zhang, Cao, Ramaswami. Consumption-Based Carbon Footprint (CBCF) of Chinese Urbanization: A Comparison between Rural Residents and Rural Migrants. Invited talk at Institute of Urban Environment, Chinese Academy of Science, Xiamen, March 11, 2015.
111. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Xiamen University, Xiamen, March 10, 2015.
112. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Sun Yet-Sen University, Guangzhou, Jan. 12, 2015.
113. Cao, Wang. The association between travel and satisfactions with travel and life: Evidence from Twin Cities. Presented at the Workshop on Urban Living: Mobility, Sociability and Wellbeing. Shengzhen, Jan. 9, 2015.
114. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Peking University, Shenzhen, Jan. 8, 2015.
115. Zhang, Cao, Ramaswami. Consumption-Based Carbon Footprint (CBCF) of Chinese Urbanization: A Comparison between Rural Residents and Rural Migrants. Invited talk at Shanghai Normal University, January 6, 2015.
116. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at East China Normal University, Shanghai, Jan. 5, 2015.
117. Cao, A synthesis of the role of residential self-selection in the connections between the built environment and travel behavior. Presented at the 10<sup>th</sup> Conference on Spatial Behavior and Planning, Shanghai, China. Jan. 3-4, 2015.
118. Cao. Examining the relationships between the built environment and travel behavior: A review from US perspective. Invited talk at Xi'an University of Architecture and Technology, December 29, 2014.
119. Cao. Real Estate Development in Anticipation of the Green Line Light Rail Transit in St. Paul. Presented at the 20th International Conference of Hong Kong Society for Transportation Studies. Hong Kong. December 13-15, 2014.
120. Cao. Self-Selection in Land Use-Travel Behavior Connection: Past, Present, and Future Research. Invited talk at Tsinghua University, November 27, 2014.

121. Zhang, Cao, Ramaswami. Consumption-Based Carbon Footprint (CBCF) of Chinese Urbanization: A Comparison between Rural Residents and Rural Migrants. Invited talk at Beijing University, November 24, 2014.
122. Cao, Spencer. Does rail investment have a discriminatory impact on transit use of low-income people? An exploration of the Hiawatha LRT in the Twin Cities. Presented at the 55th ACSP Conference. Philadelphia, PA, October 30-November 2, 2014.
123. Cao. Examining the Impacts of Neighborhood Design on Active Travel in Cross-Sectional and Quasi-Longitudinal Contexts: Evidence from Twin Cities. Presented at the Salon on Beijing Transportation and Air Quality, June 30, 2014.
124. Cao, Huang, Zhang, Cao. The gaps in satisfaction with transit services among BRT, metro, and bus riders: Evidence from Guangzhou. Presented at the World Symposium for Transport and Land Use Research, Delft, the Netherlands, June 23-27, 2014.
125. Zhang, Cao, Ramaswami. Exploring Carbon Footprint of Urbanization of Rural Residents in China – Based on Household Consumption Expenditure Survey. Presented at the 8th Annual Conference of International Association for China Planning, South China University of Technology, Guangzhou, June 21-22, 2014.
126. Cao. Built Environment Correlates of Satisfaction with Life: Evidence from the Twin Cities. Presented at the 8th Annual Conference of International Association for China Planning, South China University of Technology, Guangzhou, June 21-22, 2014.
127. Zhang, Cao, Ramaswami. Foot-Printing Carbon Emission of Chinese Urbanization - Based on Household Consumption Expenditure Survey. Presented at the international conference on Low Carbon Cities: Land Use and Transportation Intervention, Shaanxi Normal University, Xi'an, June 12-13, 2014. [Presented by Zhang]
128. Cao, Porter. Real Estate Development in Anticipation of the Green Line Light Rail Transit in St. Paul. Presented at the international conference on Low Carbon Cities: Land Use and Transportation Intervention, Shaanxi Normal University, Xi'an, June 12-13, 2014.
129. Wang and Cao. How does decentralization of public housing affect tenants' activity-travel behavior? An exploratory study in Hong Kong. Presented at the international conference on Low Carbon Cities: Land Use and Transportation Intervention, Shaanxi Normal University, Xi'an, June 12-13, 2014. [Presented by Wang]
130. Cao, Huang, Zhang, Cao. The gaps in satisfaction with transit services among BRT, metro, and bus riders: Evidence from Guangzhou. Presented at the 25<sup>th</sup> CTS Annual Conference, Center for Transportation Studies, University of Minnesota, St. Paul, May 21-22, 2014. [Presented by Zhang]
131. Cao, Ko, Porter. Light Rail Transit as a Magnet for Economic Development: Evidence from Twin Cities. Presented at the 25th CTS Annual Conference, Center for Transportation Studies, University of Minnesota, St. Paul, May 21-22, 2014.
132. Cao, Cao. The Impacts of LRT, Neighborhood Characteristics, and Self-Selection on Auto Ownership: Evidence from Twin Cities. Presented at the 25th CTS Annual Conference, Center for Transportation Studies, University of Minnesota, St. Paul, May 21-22, 2014.
133. Cao. Exploring the impacts of the Hiawatha LRT on transit use through cross-sectional and quasi-longitudinal designs. Poster presented at the 93<sup>rd</sup> Transportation Research Board Annual Meeting. Washington DC. January 12-16, 2014.
134. Huang, Cao, Cao. Association Between Transit Access and Auto Ownership: Evidence from Guangzhou, China. Poster presented at the 93<sup>rd</sup> Transportation Research Board Annual Meeting. Washington DC. January 12-16, 2014.

135. Schoner, Levinson, Cao. Catalysis and Magnets: Built Environment Effects on Bicycle Commuting. Presented at the 93<sup>rd</sup> Transportation Research Board Annual Meeting, Washington DC. January 12-16, 2014. [presented by Schoner]
136. Schoner Cao. Walking for Purpose and Pleasure: Influences of Light Rail Transit, the Built Environment, and Residential Self-Selection on Pedestrian Travel. Presented at the 93<sup>rd</sup> Transportation Research Board Annual Meeting, Washington DC. January 12-16, 2014. [presented by Schoner]
137. Cao. Exploring the impacts of the Hiawatha LRT on transit use. Presented at the 19<sup>th</sup> International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 14-16, 2013.
138. Schoner, Cao. Catalysis and Magnets: Built Environment Effects on Bicycle Commuting. Presented at the Workshop on Activity-Travel Behavior Analysis, Hong Kong Baptist University, December 13, 2013.
139. Cao. The impact of Hiawatha LRT and built environment on driving distance. Presented at the Joint AESOP/ACSP Congress, Dublin, Ireland. July 15-19, 2013.
140. Cao. Residential self-selection in land use and transportation research. Presented at the Joint AESOP/ACSP Congress, Dublin, Ireland. July 15-19, 2013.
141. Cao and Ettema. Satisfaction with travel and residential self-selection: how do attitudes and preferences influence the impact of the Hiawatha light rail line on travel satisfaction? Presented at the 7<sup>th</sup> International Association for China Planning, Shanghai, China, June 29-July 1, 2013.
142. Cao, The impact of Hiawatha LRT, neighborhood design, and residential self-selection on auto ownership and use. Invited talk at Shandong University, Jinan, China. June 17, 2013.
143. Cao, Does rail matter? The impact of Hiawatha LRT, neighborhood design, and residential self-selection on auto ownership and use. Invited talk at Sun Yet-Sen University, Guangzhou, China. March 21, 2013.
144. Cao, The influences of Hiawatha LRT and neighborhood characteristics on satisfaction with travel and life. Invited talk at Shaanxi Normal University, Xi'an, China. March 19, 2013.
145. Cao, Residential preferences among residents along the Hiawatha light rail corridor and their transit use. Poster presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC. January 13-17, 2013.
146. Cao. The association between light rail transit and satisfactions with travel and life: Evidence from Twin Cities. Presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC. January 13-17, 2013.
147. Cao, Schoner. The influences of light rail transit on transit use: An exploration of station area residents along the Hiawatha line in Minneapolis. Presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC. January 13-17, 2013. [Presented by Jessi Schoner]
148. Cao, Chen, and Choo. Geographic distribution of e-shopping: An application of structural equations models in the Twin Cities. Presented at the 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington DC. January 13-17, 2013. [Presented by Sangho Choo]
149. Schoner, Cao. Influences of light rail transit, the built environment, and residential self-selection on pedestrian travel behavior: New evidence from Minneapolis, MN. Presented at the 53<sup>rd</sup> ACSP Conference, Cincinnati, OH. November 1-4, 2012. [Presented by Jessi Schoner]
150. Cao, Schoner. The influences of light rail transit on transit use: An exploration of station area residents along the Hiawatha line in Minneapolis. Presented at the 53<sup>rd</sup> ACSP Conference, Cincinnati, OH. November 1-4, 2012.

151. Cao, Hsu, Zhao. Roundtable: Methods for new data. Presented at the 53<sup>rd</sup> ACSP Conference. Cincinnati, OH. November 1-4, 2012.
152. Cao, Schoner. Transportation impact of transitways: A case study of the Hiawatha line. Seminar of Center for Transportation Studies. University of Minnesota, Minneapolis, MN. October 18, 2012.
153. Cao, Schoner. The influences of light rail transit on transit use: An exploration of station area residents along the Hiawatha line in Minneapolis. Presented at the 12<sup>th</sup> COTA International Conference of Transportation Professionals. Beijing, China. August 5, 2012.
154. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Invited presentation at Beihang University, Beijing, China. August 2, 2012.
155. Cao, Residential preferences among residents along the Hiawatha light rail corridor and their transit use. Presented at the 6th International Association of China Planning conference. Wuhan, China, June 17-19, 2012.
156. Cao, Schoner. The influences of light rail transit on transit use: An exploration of station area residents along the Hiawatha line in Minneapolis. Presented at the 23<sup>rd</sup> Annual CTS Transportation Research conference. St. Paul, MN. May 23-24, 2012. [Presented by Jessi Schoner]
157. Cao. The interactions between e-shopping and store shopping in the shopping process of search goods. Poster presented at the 91st Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2012.
158. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Presented at the 91st Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2012. [Presented by Daniel Chatman]
159. He, Liu, Cao. Estimating value of travel time and value of reliability using dynamic toll data. Poster presented at the 91st Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2012. [Presented by Sean He]
160. Cao. Exploring the connections among residential location, self-selection, and driving: A case study of Raleigh, NC. Presented at University of Pennsylvania, Philadelphia, January 12, 2012.
161. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Presented at the 52<sup>nd</sup> ACSP Conference. Salt Lake City, Utah. October 13-16, 2011.
162. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Seminar presented at ITS, UC Davis. September 23, 2011.
163. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Invited presentation at Southeast University, Nanjing, China. August 17, 2011.
164. Cao. Tips for publishing in refereed journals. Invited presentation at Southeast University, Nanjing, China. August 17, 2011.
165. Cao, Wongmonta, and Choo. Examining the adaptation process of people's behavioral responses to high gasoline costs. Invited presentation at the International Conference of Chinese Transportation Professionals, Nanjing, China. August 14-17, 2011.
166. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Seminar presented at Hongik University, Seoul, Republic of Korea. August 5, 2011.
167. Cao, Fan. Exploring the influence of density on travel behavior using propensity score matching. Seminar presented at University of Washington, Seattle. August 1, 2011.

168. Cao, Chatman. How will land use policies affect travel? The importance of residential sorting. Presented at World Symposium on Transportation and Land Use Research. Whistler, BC, Canada. July 27-30, 2011.
169. Cao, Xu, Huang. Safety benefits of converting HOV lanes to HOT lanes: Case study of the I-394 MnPass. Poster presented at the 90th Transportation Research Board Annual Meeting. Washington DC. January 23-27, 2011. [Presented by Arthur Huang]
170. Cao, Xu, Douma. The Interactions between e-shopping and traditional shopping: An application of structural equations model. Presented at the 90th Transportation Research Board Annual Meeting. Washington DC. January 23-27, 2011. [Presented by Frank Douma]
171. Cao, Fan. Exploring the influences of density on travel behavior using propensity score matching. Presented at the 51st ACSP conference. Minneapolis, MN. October 7-10, 2010.
172. Cao, Xu, Douma. The Interactions between e-shopping and traditional shopping: An application of structural equations model. The Seventh International Conference on Traffic and Transportation Studies. Kunming, China. August 3, 2010.
173. Aditjandra, Cao, and Mulley. Understanding neighbourhood design impact on travel behaviour: An Application of structural equations model to the British micro-analysis data. Presented at the 12th World Conference on Transportation Research. Lisbon, Portugal. July 11-15, 2010. [Presented by Mulley].
174. Cao, Xu, Fan. Exploring the connections among residential location, self-selection, and driving: A case study of Raleigh, NC. Presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Zhiyi Xu]
175. Ko, Cao. Impacts of the Hiawatha light rail line on commercial and industrial property values in Minneapolis. Poster presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Kate Ko]
176. Cao, Douma, Cleaveland. The influence of e-shopping on shopping travel: Evidence from the Twin Cities. Presented at the 89th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2010. [Presented by Frank Douma]
177. Cao, Xu, and Fan. Exploring the causal influence of the built environment on travel behavior: A propensity score matching approach. Presented at the 12th Conference of the International Association for Travel Behaviour Research. Jaipur, India. December 13-18, 2009.
178. Cao. Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. Presented at the 12th Conference of the International Association for Travel Behaviour Research. Jaipur, India. December 13-18, 2009.
179. Cao, Douma, Cleaveland. The influence of e-shopping on shopping travel: Evidence from the Twin Cities. Fourth Specialist Meeting of the Network: ICT: mobilizing persons, places and spaces. Quebec, Canada. October 8-9, 2009.
180. Cao. Disentangling the influence of neighborhood type and self-selection on driving behavior: An application of sample selection model. Presented at the 50<sup>th</sup> ACSP conference. Crystal City, VA. October 1-4, 2009.
181. Cao. Exploring the connections among residential location, self-selection, and driving behavior: A case study of Raleigh, NC. Invited presentation at School of Transportation, Jilin University, July 2, 2009.



182. Ko, Cao. Impacts of the Hiawatha light rail line on commercial and industrial property values in Minneapolis. Invited presentations at the 3<sup>rd</sup> Workshop on Economic Geography. Beijing University, Beijing. June 22-23, 2009.
183. Cao, Douma, Cleaveland. The influence of e-shopping on shopping travel: Evidence from the Twin Cities. Techplan Peer Review Conference, University of Minnesota. Minneapolis, MN. June 18, 2009.
184. Cao, Fan. Exploring causal influences of the built environment on travel behavior using propensity score matching. Presented at the 11th international conference on Computers in Urban Planning and Urban Management (CUPUM). Hong Kong. June 16-18, 2009. [Presented by Yingling Fan]
185. Ko, Cao. Impacts of the Hiawatha light rail line on commercial and industrial property values in Minneapolis. Presented at the International Transport Economics Conference. University of Minnesota, Minneapolis, MN. June 15-16, 2009. [Presented by Kate Ko]
186. Cao, Douma, Cleaveland. Substitution between e-shopping and travel: Evidence from the Twin Cities. Presented at the 20<sup>th</sup> Annual CTS Transportation Research conference. Bloomington, MN. May 19-20, 2009. [Presented by Frank Douma]
187. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Presented at the 20<sup>th</sup> Annual CTS Transportation Research conference. Bloomington, MN. May 19-20, 2009.
188. Cao. The influence of the built environment and residential self-selection on travel behavior: Evidence from Northern California. Seminar of Center for Transportation Studies. University of Minnesota, Minneapolis, MN. February 3, 2009.
189. Cao. Exploring causal effects of neighborhood design on travel behavior using stratification on the propensity score. Poster presented at the 88th Transportation Research Board Annual Meeting. Washington DC. January 11-14, 2009.
190. Hough, Cao. Relative desired mobility of elderly women living in rural and small urban locations in North Dakota. Presented at Impacts of Changing Demographics on Transportation Conference. Washington, DC. October 27-28, 2008, [Presented by Jill Hough]
191. Cao. Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. Presented at the ACSP and AESOP annual conference. Chicago IL. July 6-11, 2008.
192. Cao. Self-selection in the relationship between the built environment and walking. Presented at the 19<sup>th</sup> Annual CTS Transportation Research conference. St. Paul, MN. May 20-21, 2008.
193. Cao. Urbanization in China and the associated challenges. Seminar of Regional Planning and Policy, University of Minnesota. Minneapolis, MN. April 9, 2008.
194. Cao. Is alternative development undersupplied? An examination of residential preferences and choices of Northern California movers. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008.
195. Cao, Mokhtarian, Handy. Neighborhood design and the accessibility of the Elderly: An empirical analysis in Northern California. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008.
196. Hough, Cao, Handy. Exploring travel behavior of elderly women in rural and small urban North Dakota: An ecological modeling approach. Presented at the 87th Transportation Research Board Annual Meeting. Washington DC. January 13-17, 2008. [Presented by Jill Hough]

197. Cao, Chai. Gender-role based differences in time allocation: A case study of Shenzhen, China. Presented via videoconference at the international workshop on Frontiers in Transportation: Social Interactions. Amsterdam, Netherlands. October 14-16, 2007.
198. Cao, Mokhtarian, Handy. Differentiating the influence of accessibility, attitudes, and demographics on stop participation and frequency during the evening commute. Presented at the 2007 Access to Destination Conference. Minneapolis, MN. August 23-24, 2007.
199. Cao, Mokhtarian, Handy. Neighborhood design as a strategy for improving air quality: Evidence from Northern California. Presented at the Transportation Land Use, Planning, and Air Quality Conference. Orlando, FL, July 9-11, 2007. [Presented by Song Bai]
200. Cao, Mokhtarian, Handy. Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. Presented at the 11<sup>th</sup> World Conference on Transportation Research. Berkeley, CA. June 24-28, 2007. [Presented by Susan Handy]
201. Cao. Practical tips for journal-style scientific writing. Seminar of Upper Great Plains Transportation Institute, North Dakota State University. Fargo, ND. April 13, 2007.
202. Cao. Smart growth as a strategy for reducing auto dependence. Invited presentation for Distinguished Speaker Series at the Center for Transportation and Logistics, Massachusetts Institute of Technology. Cambridge, MA. March 16, 2007.
203. Cao, Mokhtarian, Handy. Residential and travel choices of elderly residents of Northern California. Presented at the 48th Transportation Research Forum. Boston, MA. March 15-17, 2007.
204. Cao. Smart growth as a strategy for reducing auto dependence. Presented at the School of Policy, Planning, and Development, University of Southern California. Los Angeles, CA. February 20, 2007.
205. Cao. Smart growth as a strategy for reducing auto dependence. Presented at the Humphrey Institute of Public Affairs at University of Minnesota. Minneapolis, MN. February 5, 2007.
206. Cao. Land use as a strategy to reduce auto dependence. Seminar of Upper Great Plains Transportation Institute, North Dakota State University. Fargo, ND. February 2, 2007.
207. Handy, Cao. Cul-de-Sacs and children's outdoor play: Quantitative and qualitative evidence. Poster presented at the Active Living Research Conference. San Diego, CA. February 2007. [Presented by Susan Handy]
208. Cao, Mokhtarian, Handy. Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
209. Cao, Chai. Gender-role based differences in time allocation: A case study of Shenzhen, China. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
210. Cao, Mokhtarian, Handy. Examining the impacts of residential self-selection on travel behavior: Methodologies and empirical findings. Presented at the 86th Transportation Research Board Annual Meeting. Washington DC. January 21-25, 2007.
211. Mokhtarian, Ory, Cao. Shopping-related attitudes: A factor and cluster analysis of Northern California shoppers. Paper presented at the Second International Specialist Meeting on ICT, Everyday Life and Urban Change: "ICT - mobilizing persons, places and spaces", Bergen, the Netherlands. November 9-11, 2006. [Presented by Patricia Mokhtarian]
212. Cao, Mokhtarian, Handy. Examining the impacts of residential self-selection on travel behavior: Methodologies and empirical findings. Presented at 11th International Conference on Travel Behaviour Research. Kyoto, Japan. August 16-20, 2006. [Presented by Patricia Mokhtarian]

213. Cao, Mokhtarian, Handy. The impacts of the residential environment and residential self-selection on nonwork travel: Evidence from Northern California. Presented at the New Scholars Conference on Sustainable Transportation at Indiana University. Bloomington, IN. May 15-16, 2006.
214. Cao. Correlation or causality between the built environment and travel choice: Evidence from Northern California. Presented at the seminar in the Institute of Transportation Studies. University of California, Davis, CA. April 7, 2006.
215. Cao, Mokhtarian, Handy. Neighborhood design and vehicle type choice: Evidence from Northern California. Poster presented at the University of California Transportation Center conference. Berkeley, CA. February 9-11, 2006.
216. Cao, Mokhtarian, Handy. The impacts of the built environment and residential self-selection on nonwork travel: A seemingly unrelated regression approach. Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006.
217. Cao, Mokhtarian, Handy. How does the built environment influence vehicle type choice? Evidence from Northern California. Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006.
218. Goddard, Handy, Cao, Mokhtarian. Voyage of the S.S. Minivan: Women's travel behavior in traditional and suburban neighborhoods Presented at the 85th Transportation Research Board Annual Meeting. Washington DC. January 22-26, 2006. [Presented by Tara Goddard]
219. Cao, Mokhtarian, Handy. The relationship between auto ownership and residential self-selection: Evidence from Northern California. Invited presentation to the international workshop on Frontiers in Transportation: Social and Spatial Interactions. Amsterdam, Netherlands. July 2-6, 2005.
220. Cao. Causality or correlation between the built environment and pedestrian local shopping. Seminar in Department of Statistics, University of California, Davis. June 3, 2005.
221. Handy, Cao, Mokhtarian. Does self-selection explain the relationship between the built environment and physical activity? Empirical evidence from Northern California. Poster presented at the Active Living Research Conference. San Diego, CA. February 2005. [Presented by Susan Handy]
222. Cao, Handy, Mokhtarian. The influences of urban form and residential self-selection on pedestrian behavior. Poster presented at the 84th Transportation Research Board Annual Meeting. Washington DC. January 9-13, 2005.
223. Handy, Cao, Mokhtarian. The link between the built environment and travel behavior: Correlation or Causation? Presented at the 84th Transportation Research Board Annual Meeting. Washington DC. January 9-13, 2005. [Presented by Susan Handy]
224. Cao, Mokhtarian. How do individuals manage their personal travel? Objective and subjective influences on the consideration of travel-related strategies. Presented at the 83rd Transportation Research Board Annual Meeting. Washington DC. January 11-15, 2004.

## **F. Outreach Presentations**

225. Online workshop on writing tips. Panelist, Chinese Oversea Transportation Professionals. November 30, 2020.
226. Tips for publishing papers in international refereed journals. Invited talk at Harbin Institute of Technology, online. November 24, 2020.
227. Tips for publishing papers in international refereed journals. Invited talk at Sun Yat-Sen University, online. October 22, 2020.

228. Tips for publishing papers in international refereed journals. Invited talk at Dalian University of Technology, online. August 6, 2020.
229. Tips for publishing papers in international refereed journals. Invited talk at Chengdu University of Technology, Chengdu. December 25, 2019.
230. Tips for publishing papers in international refereed journals. Invited talk at Shanghai Maritime University, Shanghai. December 24, 2019.
231. Tips for publishing papers in international refereed journals. Invited talk at Shijiazhuang Tiedao University, Shijiazhuang. November 26, 2019.
232. Tips for publishing papers in international refereed journals. Invited talk at Tsinghua University Shenzhen International Graduate School, Shenzhen. October 10, 2019.
233. Cao. Walking tolerance to park and ride stations. Presented at CTS Transportation Planning & the Economy: Transitway Impacts Research (TIRP) Mini-Symposium, Nov. 30, 2018.
234. Cao. Tips for publishing papers in international refereed journals. Invited talk at Beijing Institute of Technology, June 28, 2018.
235. Cao. Tips for publishing papers in international refereed journals. Invited talk at Shenzhen University, June 5, 2018.
236. Cao. Tips for publishing papers in international refereed journals. Invited talk at South China University of Technology, June 1, 2018.
237. Cao. Tips for publishing papers in international refereed journals. Invited talk at Southwest Transportation University, May 15, 2018.
238. Cao. Walking tolerance to park and ride stations. Presented at Gateway Corridor Commission, April 12, 2018.
239. Cao. Tips for publishing papers in international refereed journals. Invited talk at Shenzhen University, March 22, 2018.
240. Cao. Tips for publishing papers in international refereed journals. Invited talk at Beijing University of Technology, March 13, 2018.
241. Cao. Tips for publishing papers in international refereed journals. Invited talk at Tsinghua University, March 8, 2018.
242. Cao. Walking tolerance of park and ride users. Presented at the Ramsey County Regional Railroad Authority, St Paul. February 27, 2018.
243. Cao. Tips for publishing papers in international refereed journals. Invited talk at Beijing Jiaotong University, January 3, 2018.
244. Cao. Tips for publishing papers in international refereed journals. Invited talk at Beihua University, Jilin, July 20, 2017.
245. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Guangzhou Institute of Geography, Guangzhou. June 29, 2017.
246. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Wuhan University, Wuhan. June 28, 2017.
247. Cao. Tips for publishing papers in international refereed journals. Invited talk at Huazhong University of Technology, Shanghai, June 27, 2017.

248. Cao. Tips for publishing papers in international refereed journals. Presented at the 11<sup>th</sup> IACP Annual Conference, Harbin. June 19, 2017.
249. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Northeast Normal University, Changchun. June 12, 2017.
250. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Zhejiang University, Hangzhou. June 7, 2017.
251. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Sichuan University. May 25, 2017.
252. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Southwest Jiaotong University, May 24, 2017.
253. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Chongqing, Beijing. May 18, 2017.
254. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Peking University, Beijing. May 16, 2017.
255. Cao. Teaching experience at a professional school at University of Minnesota. Invited presentation at Beihang University, Beijing. March 17, 2017.
256. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Beihang University, Beijing. March 14, 2017.
257. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Peking University, Beijing. March 10, 2017.
258. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Beijing Normal University, Beijing. March 9, 2017.
259. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Southeast University, Nanjing. December 19, 2016.
260. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Jilin University, Changchun. August 11, 2016.
261. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Ocean University of China, Qingdao. August 8, 2016.
262. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Nanjing University, Nanjing. July 24, 2016.
263. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Jiangsu Normal University, Xuzhou. July 20, 2016.
264. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Suzhou University of Technology, Suzhou. July 18, 2016.
265. Cao. Research Method in PhD Curriculum. Presentation at the 10<sup>th</sup> IACP conference, Beijing University. July 1, 2016.
266. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Beijing Jiaotong University, Beijing. June 30 2016.
267. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Beihang University, Beijing. June 29, 2016.

268. Cao. Tips for publishing papers in international refereed journals at Harbin Institute of Technology, Harbin. June 22, 2016.
269. Cao. Tips for publishing papers in international refereed journals. Invited presentation at East China Normal University, Shanghai. June 17, 2016.
270. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Shanghai University of Finance and Economics, Shanghai. June 16, 2016.
271. Cao. Tips for publishing papers in international refereed journals. Invited presentation at Shanghai Maritime University, Shanghai. June 15, 2016.
272. Cao. Tips for publishing in refereed journals. Invited presentation at Tongji University, Shanghai. April 27, 2015.
273. Cao. Tips for publishing in refereed journals. Invited presentation at Dalian University of Technology, Dalian. July 12, 2012.
274. Cao. Teaching experience at a professional school at University of Minnesota. Invited presentation at Dalian University of Technology, Dalian. July 12, 2012.
275. Cao, Panelist on land use and travel. 20<sup>th</sup> Anniversary of ITS, UC Davis. September 24, 2011.
276. Cao. Benefit and cost analysis of MnPass. Presented at Minnesota DOT. May 9, 2011.
277. Ko, Cao. Impacts of the Hiawatha light rail line on commercial and industrial property values in Minneapolis. Presented at the CTS Executive Council Meeting. Minneapolis, MN. August 12, 2010.
278. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Presented at Transitway Impacts on the Twin Cities Metropolitan Region: Research Results and Future Implications. Minneapolis, MN. March 26, 2010.
279. Ko, Cao. Impacts of the Hiawatha light rail line on commercial and industrial property values in Minneapolis. Presented at the Hennepin-University Partnership Symposium. Minneapolis, MN. January 29, 2010.
280. Cao. Transportation Infrastructure in China. Seminar for China Humphrey Initiative. Humphrey Institute, University of Minnesota. Minneapolis, MN. January 28, 2010.
281. Cao. The influences of the built environment on reducing auto dependence and increasing active travel. Citizen's Forum. Roseville, MN. April 24, 2009.
282. Cao. Understanding transportation impacts of transitways: Demographic and behavioral differences between Hiawatha light rail riders and other transit riders. Metro Transit. Minneapolis, MN. March 24, 2009.

## **SERVICES**

### **G. Committee Membership**

1. Treasurer, Tsinghua Alumni Academic Club, 2019-2021
2. Chair, International Association of China Planning, 2015–2017
3. Vice chair, International Association of China Planning, 2013–2015
4. Treasurer, World Society on Transport and Land Use Research, 2011–2014
5. Member, AMS 50, Economic Development and Land Use, Transportation Research Board, 2019-

6. Member, ADB 20, Effects of Information and Communication Technologies on Travel Choices, Transportation Research Board, 2009–2018
7. Member, ADB 10, Travel Behavior and Values, Transportation Research Board, 2008–2014
8. Member, World Society on Transport and Land Use Research, 2011–
9. Member, Chinese Overseas Transportation Association, 2011–
10. Member, International Association on Travel Behaviour Research, 2009–2012

## **H. Editorial Service**

11. Editor in Chief for *Transportation Research Part D*, 2018- (Associate editor 2016-7)
12. Editorial Advisory Board for *Journal of Transport and Land Use*, 2018-
13. Editorial Advisory Board for *Transportation*, 2011-
14. Editorial Advisory Board for *Environment and Behavior* 2012-
15. Editorial Advisory Board for *Transportation Letters* 2016-
16. Editorial Advisory Board for *Travel Behavior and Society*, 2013-2016
17. Guest Editor, *Transportation Research Part D*, 2017, 2020
18. Guest Editor, *Transportation Letters*, 2017
19. Guest Editor, *Journal of Regional Science*, 2017
20. Guest Editor, *Transport Policy*, 2016
21. Guest Editor, *Travel Behavior and Society*, 2016
22. Guest Editor, *Journal of Transport and Land Use*, 2014

## **I. Conference/Workshop Convention**

23. Convener of an online workshop on Travel and Land Impacts of Rail Transit 2020
24. Convener of an online workshop on Shared Micro-Mobility, 2020
25. Convener of an online workshop on Transit Satisfaction, 2020
26. Convener of an online workshop on Residential Self-selection and Travel Behavior, 2020
27. Convener of an online workshop on Community Planning and Subjective Well-Being, 2020
28. Convener of an online workshop on Meeting Editors of Elsevier Transportation Journals, 2020
29. Convener of an online workshop on Meeting Editors of Transportation Research Part D, 2020
30. Convener of an online workshop on Non-linear and Threshold Effects in Land Use and Transportation Research, 2020
31. Co-chair, Yuelu Forum of International Association for China Planning, Hunan University, Changsha, China, 2017
32. Co-chair, International Workshop on Resilient City and Sustainable Development, Northeastern University, Shenyang, China, 2017

33. Convener, the 11<sup>th</sup> International Association for China Planning conference, Harbin Institute of Technology, Harbin, China, 2017
34. Convener, International Symposium on Spatial Optimization and Atmospheric Environmental Improvement in Beijing, Tianjin, and Hebei Region, Shijiazhuang Tiedao University, Shijiazhuang, China, 2016
35. Co-chair, International Symposium of ICT Activity Space-Time and Mobility, Nanjing University, Nanjing, China, 2016
36. Convener, the 10<sup>th</sup> International Association for China Planning conference, Peking University, Beijing, China, 2016
37. Convener, International Symposium on Urban Development and Public Transportation, Renmin University of China, Beijing, China, 2016
38. Chair, the 9<sup>th</sup> International Association for China Planning conference, Chongqing University, Chongqing, China, 2015
39. Chair, the 8<sup>th</sup> International Association for China Planning conference, South China University of Technology, Guangzhou, China, 2014
40. Co-chair, International workshop on Low-Carbon Cities: Land Use and Transportation Intervention, Shaanxi Normal University, Xi'an, China, 2014
41. Area editor, International Conference of Transportation Professionals, Beijing China, 2012
42. The 3rd Conference on Innovations for Travel Modeling, Tempe, AZ 2010
43. Frontiers in Transportation–Social and Spatial Interactions, Amsterdam, Netherlands, 2005

#### **J. Conference Review**

44. The Conference on Innovations for Travel Modeling, 2010–2011
45. The International Conference of Chinese Transportation Professionals, 2011
46. The International IEEE Annual Conference on Intelligent Transportation Systems, 2006, 2008, 2010
47. The International Conference on Travel Behaviour Research, 2009
48. Joint Conference of the Association of Collegiate Schools of Planning (ACSP) and the Association of European Schools of Planning (AESOP), Chicago, 2008
49. The World Conference on Transportation Research, 2007

#### **K. Grants/Award Review**

50. Grant review for Research grant of Economic and Social Research Centres, UK Research and Innovation, 2020
51. Grant review for Vrije Universiteit Brussel, 2012
52. Grant review for National Science Foundation, 2009, 2012
53. Grant review for University of Minnesota, 2012
54. Grant review for University of California, Davis, 2012
55. Eric Pas Dissertation Award, International Association on Travel Behaviour Research, 2012



56. Grant review for Center for Multimodal Solutions for Congestion Mitigation, University of Florida, 2011
57. Grant review for Social Sciences and Humanities Research Council of Canada, 2008–2009
58. Grant review for Oregon Transportation Research and Education Consortium (OTREC), 2008
59. Grant review for Region 2 UTRC's Research and Advanced Technology Initiatives, 2008

**L. Media Interview**

Star Tribune, The Minnesota Daily, Business Journal, The Atlantic Cities, Salon, Planetizen, Urban Land Magazine, Governing, Alpha News, ...