TAO TAO

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EDUCATION

University of Minnesota Twin Cities   *August 2017 - Present*
Ph.D. in Urban & Regional Planning
Humphrey School of Public Affairs

University of Minnesota Twin Cities   *August 2019 - Present*
M.S. in Statistics
School of Statistics

Southeast University, Nanjing, China   *August 2013 - June 2017*
M.E. in Transportation Planning & Management
School of Transportation

Southeast University, Nanjing, China   *August 2008 - June 2012*
B.E. in Traffic & Transportation
School of Transportation

JOURNAL ARTICLES

Tao, T., Wang, J., Cao, X., 2020. Exploring the non-linear associations between spatial attributes and walking distance to transit. Journal of Transport Geography 82, 102560. [Link][Code]

Wu, X., **Tao, T.**, Cao, J., Fan, Y., Ramaswami, A., 2019. Examining threshold effects of built environment elements on travel-related carbon-dioxide emissions. Transportation Research Part D: Transport and Environment 75, 1–12. [Link]

Dou, X., Gong, X., Guo, X., **Tao, T.**, 2017. Coordination of Feeder Bus Schedule with Train Service at Integrated Transport Hubs. Transportation Research Record: Journal of the Transportation Research Board 2648, 103–110. [Link]

RESEARCH REPORTS

Lindsey, G.; **Tao, T.**, Wang, J., Cao, J., 2019. Pedestrian and Bicycle Crash Risk and Equity: Implications for Street Improvement Projects. [Link]

Tomhave, B., Zhang, Y., Khani, A., Hourdos, J., Dirks, P., Olsson, J., **Tao, T.**, Wu, X., Cao, J., 2018. After Study of The Bus Rapid Transit A Line Impacts. Center for Transportation Studies, University of Minnesota. [Link]

TEACHING

PA 5928 Data Management and Visualization with R (Graduate course), 2019. [Course Website]

WORKING EXPERIENCE

Minnesota Department of Transportation   *May - August 2019*
Planning Intern
Metro District Office

PRESENTATIONS

Tao, T.. How does built environment affect activity space of people living in different income level areas? [C] In: 2019 Annual CTS Transportation Research Conference.

Tao, T., Lindsey, G., Cao, J., Wang, J.. New methods for accessing pedestrian and bicycle exposure to risk, crash risk, and equity [C]. In: 2019 ACSP annual conference.

Tao, T., Lindsey, G., Cao, J., Wang, J.. Pedestrian and Bicycle Crashes in Minneapolis: An Equity Perspective [C]. In: 2019 Minnesota Transportation Conference.

Tao, T., Cao, J., Das, K., Fan, Y.. Exploring the non-linear relationship between built environment characteristics and people's active travel. In: Annual Meeting of the Transportation Research Board, 2019.

Tao, T., Lindsey, G., Cao, J., Wang, J.. Methods and Measures for Assessing Pedestrian Exposure to Risk, Crash Risk, and Equity [C]. In: 2018 Annual CTS Transportation Research Conference.

Tao, T., Cao, J., Das, K., Fan, Y.. Exploring nonlinear influences of built environment characteristics on carbon emissions of daily travel in Minneapolis. In: 2018 ACSP annual conference.

Tao, T., Cao, J.. Exploring built environment correlates of walking distance of transit access in the Twin Cities: A Machine Learning Approach [C]. In: 2018 IACP annual conference.

Tao, T.. Analysis of Operating Patterns of the Public Bicycling Sharing System in the Twin Cities [C]. In: 2017 Sharing Economy Research Forum, 2017.

Tao, T., Guo, X., Li, J., Huang, Y.. Operating characteristics of a public bicycle sharing system based on the status of stations: a case study in Nanning City, China [C]. In: Proceedings of the 97th Annual Meeting of the Transportation Research Board, 2017.

Wang, W., **Tao, T.**, Tai, J., Yang, J.. Path to Success: Investment and Public Opinions are Reforming the Taxi Industry in China [C]. In: Proceedings of the 97th Annual Meeting of the Transportation Research Board, 2017.

SKILLS

Programming	R Python HTML CSS
Urban Modelling	ArcGIS
Design	PhotoShop InDesign
Other	MS suite