

Ziqi Song

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RESEARCH INTERESTS	Transportation network modeling, transportation electrification, sustainable transportation system analysis, travel demand management, traffic operations and safety.	
CURRENT APPOINTMENT	Utah State University Department of Civil and Environmental Engineering <i>Assistant Professor</i>	August 2015 – Present
EDUCATION	University of Florida Department of Civil and Coastal Engineering Ph.D., Transportation, December 2011 Department of Industrial and Systems Engineering M.S., Operations Research, May 2011 The University of Hong Kong, Hong Kong Department of Civil Engineering M.Phil., Transportation, August 2006 Southeast University, China School of Transportation B.Eng., Transportation Engineering, June 2003	
RESEARCH EXPERIENCE	Utah State University Department of Civil and Environmental Engineering <i>Research Assistant Professor</i>	August 2013 – July 2015
	University of Florida Transportation Research Center <i>Postdoctoral Research Associate</i>	January 2012 – August 2013
	Technical University of Munich, Germany Department of Urban Structure and Transport Planning <i>Research Fellow</i>	May 2011 – November 2011
	University of Florida Department of Civil and Coastal Engineering <i>Research Assistant</i>	September 2006 – April 2011
	The University of Hong Kong Department of Civil Engineering <i>Research Assistant</i>	September 2004 – August 2006

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28. Li, L.[†], Cao, M., Bai, Y., and Song, Z.* (2019) Analysis of public transportation competitiveness based on potential passenger travel intentions: Case study in Shanghai, China. *Transportation Research Record: Journal of the Transportation Research Board*, vol. 2673(4), 823–832.
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23. Liu, Z.[†], and Song, Z.* (2018) Network user equilibrium of battery electric vehicles considering flow-dependent electricity consumption. *Transportation Research Part C: Emerging Technologies*, vol. 95, 516–544.
22. Chen, Z., Yin, Y., and Song, Z. (2018) A cost-competitiveness analysis of charging infrastructure for electric bus operations. *Transportation Research Part C: Emerging Technologies*, vol. 93, 351–366.
21. Sze, N., and Song, Z. (2019) Factors contributing to injury severity in work zone related crashes in New Zealand. *International Journal of Sustainable Transportation*, vol. 13(2), 148–154.
20. Liu, Z.[†], Song, Z.*, and He, Y.[†] (2018) Planning of fast-charging stations for a battery electric bus system under energy consumption uncertainty. *Transportation Research Record: Journal of the Transportation Research Board*, vol. 2672(8), 96–107.
19. Gaire, N.[†], Song, Z.*, Christensen, K., Sharifi, M., and Chen, A. (2018) Exit choice behavior of pedestrians involving individuals with disabilities during building evacuations. *Transportation Research Record: Journal of the Transportation Research Board*, vol. 2672, 22–29.
18. Li, L. [†], Bai, Y., Song, Z.*, Chen, A, and Wu, B. (2018) Public transportation competitiveness analysis based on current passenger loyalty. *Transportation Research Part A: Policy and Practice* , vol. 113, 213–226.

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14. Liu, Z.[†], and Song, Z.* (2017) Robust planning of dynamic wireless charging infrastructure for battery electric buses. *Transportation Research Part C: Emerging Technologies*, vol. 83, 77–103.
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12. He, Y.[†], Song, Z.*[†], and Liu, Z.[†] (2017) Updating highway asset inventory using airborne LiDAR. *Measurement*, vol. 104, 132–141.
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9. Tang, T., Chen, L., Huang, H., and Song, Z.* (2016) Analysis of the equilibrium trip cost without late arrival and the corresponding traffic properties using a car-following model. *Physica A*, vol. 460, 348–360.
8. Soltani-Sobh, A., Heaslip, K., Stevanovic, A., Khoury, J., and Song, Z. (2016) Evaluation of transportation network reliability during unexpected events with multiple uncertainties. *International Journal of Disaster Risk Reduction*, vol. 17, 128–136.
7. Sharifi, M. S., Chen, A., Kitthamkesorn, S., and Song, Z. (2015) Link-based stochastic loading methods for the Weibit route choice model. *Transportation Research Record: Journal of the Transportation Research Board*, vol. 2497, 84–94.
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4. Song, Z.*[†], Yin, Y., and Lawphongpanich, S. (2015) Optimal deployment of managed lanes in general networks. *International Journal of Sustainable Transportation*, vol. 9(6), 431–441.
3. Song, Z.*[†], Yin, Y., Lawphongpanich, S., and Yang, H. (2014) A Pareto-improving hybrid policy for transportation networks. *Journal of Advanced Transportation*, vol. 48(3), 272–286.
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* indicates the corresponding author. † indicates graduate students, postdoc or visiting students/scholars.

1. Song, Z.* (2013) Beijing: transition to a transit city. *In: Megacity Mobility Culture: How Cities Move on in a Diverse World (Lecture Notes in Mobility)*, Springer, ISBN-10: 3642347347.