Project Title	Can Crowdsourcing Support Co-productive Transportation Planning in Megaregion? Evidence from Local Practice
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Funding Source(s) and Amounts Provided (by each agency or organization)	U.S. Department of Transportation: $53,092.40 University of Texas at Austin: $26,546.20
Total Project Cost	$79,638.60
Agency ID or Contract Number	UTDOT Grant number: 69A3551747135
Start and End Dates	6/1/2017 - 6/20/2018
Brief Description of Research Project	This project evaluates crowdsourcing as a method for public participation in transportation planning to scale from local to megaregional contexts. Bicycle transportation planning in Austin, Texas, serves as case study material, focusing on the geographic breadth of public participation received at the local level using three categories of involvement: face-to-face meetings, online text-based methods, and an online crowdsourcing platform used by the city called Ride Report
Describe Implementation of Research Outcomes (or why not implemented)	Following items were produced as outcome of this project: 1. Griffin, G., & Jiao, J. (2018). Crowdsourcing Bike Share Station Locations: Evaluating Participation and Placement. Journal of the American Planning Association. 84(3). 2. Yu, H., Jiao, J., Houston, E., & Peng, Z. (2018). Evaluating the Relationship between Rail Transit and Industrial Agglomeration: An Observation from the Dallas-Fort Worth Region, TX. Journal of Transport Geography. 67. 33-52. 3. Zhao, X., Chen, P., Jiao, J., Chen, X.,, & Bischak, C. (2019). How Does 'Park and Ride' Perform? A Longitudinal Evaluation. Journal of Transport Policy. 74:15-23. 4. Alcorn, L. G., & Jiao, J. (2019). Bike-Sharing Station Usage and the Surrounding Built Environments in Major Texas Cities. Journal of Planning Education and Research. 5. Griffin, G., & Jiao, J. (2019). The Geography and Equity of Crowdsourced Public Participation for Active Transportation Planning. Paper presented at the 98th Transportation Research Board (TRB) Annual Meeting, January 13-17, 2019, Washington, DC.

	6. Wu, H., Chen, Y., Jiao, J. (2019). The Impact of Neighborhood Built Environments on Shopping Travel Modes in Shanghai, China. Paper presented at the 98th Transportation Research Board (TRB) Annual Meeting, January 13-17, 2019, Washington, DC. 7. Griffin, G. and Jiao, J. 2017. Crowdsourcing Bike Share Station Location: Empty voices or powerful participation? Paper presented at the 57th Association of Collegiate Schools of Planning (ACSP) Conference, October 12-15, 2017, Denver, Colorado 8. Tian, G., Jiao, J., & Izadi, M. (2018). What Do We Know about Bike sharing Systems in The United States? Findings from Four US Regions. Paper presented at the 58th Association of Collegiate Schools of Planning (ACSP) Conference, October 25-28, 2018, Buffalo, NY. 9. Wu, H., Jiao, J., & Chen, Y. (2018). The Impact of Neighborhood Built Environments on Walking and Shopping Activities in Shanghai, China. Paper presented at the 58th Association of Collegiate Schools of Planning (ACSP) Conference, October 25-28, 2018, Buffalo, NY. 10. Cities reshaped by Airbnb: A case study in New York City, Chicago, and Los Angeles. Environment and Planning A: Economy and Space. 11. Impact of Neighborhood Built Environments on Shopping Travel Modes in Shanghai, China. Transportation Research Record, 2673(8), 669–681.
Impacts/Benefits of Implementation (actual, not anticipated)	The project provides context-dependent knowledge about an emerging practice in public engagement, using bike sharing as a growing transportation technology. The findings have implications for practice, including evidence for expanding involvement by offering PPGIS as an action-oriented option for participation, case detail to support performance measurement of future planning efforts, and a method for evaluating the impact of PPGIS contributions regarding the outcomes of plans.
Web Links (to reports, project website, etc.)	1. https://doi.org/10.1080/01944363.2018.1476174 2. https://ideas.repec.org/a/eee/jotrge/v67y2018icp33-52.html 3. https://doi.org/10.1016/j.tranpol.2018.11.004 4. https://journals.sagepub.com/doi/full/10.1177/0739456X19862854 5. https://doi.org/10.1177%2F0361198118823498 6. https://doi.org/10.1177%2F0361198119844969 7. https://doi.org/10.1080/01944363.2018.1476174 9. https://doi.org/10.1177%2F0361198119844969 10. https://doi.org/10.1177/0308518X19853275 11. https://doi.org/10.1177/0361198119844969 Final project report: http://sites.utexas.edu/cm2/files/2018/06/Year-1-JiaoGriffin_MegaRegionCrowdsourcing.pdf