



TNCs AND MEGAREGIONAL MOBILITY

This study will investigate the spatial and temporal pattern of TNCs usage, people's perception of TNC service, the broad impact of TNC with other transportation modes within the megaregional context, and the overall role TNC in megaregion mobility. This study will focus on three megaregions, The Texas Triangle, The Northeast Region and the Gulf Coast Region.

Due to the data limitations, multi-modal travel, particularly as it relates to TNCs, is significantly understudied. With the recent fast growth of TNCs, researchers and planners need a framework for effectively evaluating their impact to existing multimodal system as well as their roles in the overall urban transportation system. This study will focus on TNC usage in four major American cities in three different megaregions. These cities are Austin and Houston in the Texas Triangle Megaregion, New Orleans in the Gulf Coast Megaregion, and Philadelphia in the Northeast Megaregion.

This study will investigate four specific research questions: 1) How do users and drivers utilize TNCs both temporally and spatially 2) How do users and drivers perceive and value these services and 3) How do these services integrate with the broader multimodal transportation networks. 4) What roles do TNCs play in improving megaregion mobility? Results from this study will serve at least two purposes. First, the data collected about usage patterns will allow planners to better understand how TNCs are being used by users and drivers so that they can better integrate them into the overall network. Second, data collected about the public opinion of TNCs will help guide regulators in developing effective policies around TNCs at the city and megaregional level.

The Role of Transportation
Networking Companies in
Megaregion Mobility: Optimizing
multi-modality through the optimal
combination and utilization
of different modes for
intra-megaregion travel
(#CM2-38)

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Project Information Form:
<http://sites.utexas.edu/cm2/files/2018/06/Year-3-Multi-Junfeng-Jiao-Erick-Guerra-Qisheng-Pan-Role-of-TNCs-in-Megaregion-Mobility.pdf>



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