



UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM²)

Project Title	Megaregion Truck Flow Estimation Model
University	Texas Southern University
Principal Investigator	Qisheng Pan, Bumseok Chun
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Funding Source(s) and Amounts Provided (by each agency or organization)	U.S. Department of Transportation: \$187,569 Texas Southern University: \$94,350
Total Project Cost	\$281,919
Agency ID or Contract Number	UTDOT Grant number: 69A3551747135
Start and End Dates	5/1/2017 - 8/31/2018
Brief Description of Research Project	One of the objectives of this research is to develop an analytical model for estimating megaregion truck flows, which will help to evaluate and improve freight mobility in megaregions. This research will review previous studies on this issue, identify available and ready-to-use freight datasets, and examine the state-of-practice methods for truck flow estimation.
Describe Implementation of Research Outcomes (or why not implemented)	Dr. Pan and Dr. Chun presented on this research at ACSP 57th Annual Conference on October 12-15, 2017 in Denver, Co. Their presentation was titled “Development and applications of megaregion truck flow estimation model.” Dr. Pan also presented at the IACP conference on June 30-July 1 in Xi’an, China. The presentation was titled “Megaregional Truck Flow Estimation Model.”
Impacts/Benefits of Implementation (actual, not anticipated)	After completing the project, the researchers submitted the completed dataset.
Web Links (to reports, project website, etc.)	