



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

Project Title	Develop a GIS-based Megaregion Transportation Planning Model
University	Texas Southern University
Principal Investigator	Qisheng Pan
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Funding Source(s) and Amounts Provided (by each agency or organization)	U.S. Department of Transportation: \$109,662 Texas Southern University: \$66,802
Total Project Cost	\$176,464
Agency ID or Contract Number	UTDOT Grant number: 69A3551747135
Start and End Dates	5/31/2018 – 4/31/2019
Brief Description of Research Project	There are few academic studies or professional programs focusing on the development and implementation of megaregional transportation models. It is also a big challenge in the process of building such kind of models because they need to ensure theoretical soundness and methodological validity in academic and professional studies while at the same time to meet the expectation of public agency on the models for reliability, efficiency, and user friendliness. This study intends to fill the gaps to develop a GIS-based model for megaregion transportation planning. It aims to balance the priorities in both the academic research setting and operational planning setting.
Describe Implementation of Research Outcomes (or why not implemented)	
Impacts/Benefits of Implementation (actual, not anticipated)	Project has not begun yet, so no impacts have been realized.
Web Links (to reports, project website, etc.)	