## Project Title
Analyze the Spatial Inequality Trends in the U.S. Megaregions

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University of Texas at Austin

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## Funding Source(s) and Amounts Provided
U.S. Department of Transportation: $10,000

## Total Project Cost
$10,000

## Agency ID or Contract Number
UTDOT Grant number: 69A3551747135

## Start and End Dates
01/01/2021 – 07/31/2022

## Brief Description of Research Project
There have been growing concerns around the world over the rising spatial inequality (SI) and persistent efforts to reduce SI. This report presents an effort to benchmark the conditions of spatial inequality in the territorial scale of megaregions. In addition, the study explored the role of high-speed rail (HSR) as an infrastructure investment approach to reshape, or desirably to reduce SI. Three megaregion cases, The Texas Triangle (USA), The Northern Powerhouse (UK), and The Mid-Yangtze River City Cluster, were selected to analyze the effects of HSR in modifying the level and distribution of accessibility to employment and wealth. The report demonstrates that multi-continental studies contribute to the knowledge base on strategic spatial planning and improve understanding of both the effectiveness and limitations of major transportation investments (HSR in this case) to address SI challenges under different national and regional context.

## Describe Implementation of Research Outcomes
Project has not begun yet, so no impacts have been realized.

## Impacts/Benefits of Implementation
Project has not begun yet, so no impacts have been realized.

## Web Links
(to reports, project website, etc.)