

# UTRC-REGION II NEWSWIRE

## UTRC Press Release

Friday, January 31, 2014

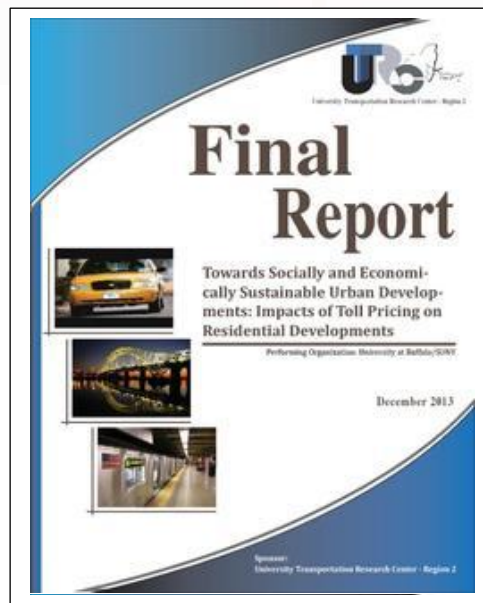
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### The University Transportation Research Center Publishes the Final Report for the Research Project Titled: "Towards Socially and Economically Sustainable Urban Developments: Impacts of Toll Pricing on Residential Developments"

UTRC has released a final report for the research titled: "**Towards Socially and Economically Sustainable Urban Developments: Impacts of Toll Pricing on Residential Developments**", funded by the Research and Innovative Technology Administration/USDOT (RITA). The principal investigator was **Dr. Changhyun Kwon**, an assistant professor of Industrial and Systems Engineering at the University at Buffalo (SUNY).

The goal of this research is to investigate the effects of road pricing on residential land use choices and to help select pricing policies that foster socially and economically sustainable residential development in urbanized residential areas. Under this goal, a residential land use choice model in logit form with shared aggregated data was developed. The model was designed to assess the impacts of various toll pricing policies and the resulting accessibility on a residential land use choice pattern. We selected the Great Buffalo-Niagara metropolitan area for a case study. The multinomial logit model was built at the census tract level, with four residential land use types—single-family houses, multiple-family houses, apartments and others—as main choice alternatives.

The full report is available for a free download at the UTRC website: <http://www.utrc2.org/publications/final-toll-pricing>



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## About The University Transportation Research Center

The University Transportation Research Center (UTRC) is a USDOT Regional Transportation Center addressing surface transportation operations, management, design economics and planning. The Region 2 University Transportation Research Center is one of ten original National Centers, established in 1987, in recognition that transportation plays a key role in the nation's economy and in the quality of people's lives. Located at the City University of New York, the Center is a Consortium of 17 major Academic Institutions in New York, New Jersey, and Puerto Rico. Through the Grant supporting the Center, the mission incorporates research, education and the transfer of technology in the field of transportation. Academically based, the work of Faculty and Students - graduate and undergraduate provide a critical link in resolving our national and regional transportation problems while training the future and current professionals who address our transportation system and their customers on a daily basis. For more information, visit [www.utrc2.org](http://www.utrc2.org).