



**MarTREC UTC Project Information Form**  
 USDOT Tier 1 University Transportation Center  
 Agency ID or Contract Number 69A3551747130

Project Title: Assessment of Evacuation Network Performance under Different Evacuation Scenarios
Project Abstract (Brief Description): Several major disasters have occurred in the United States and impacted coastal and river valley communities. The economic and societal impact of such disasters have demonstrated a need for better emergency planning, response, recovery, and adaptation. Through the understanding of the behavior, characteristics of past events, much informed decisions can be made. This study will utilize data from Hurricane Irma (2017) to compare traffic characteristics during the evacuation with those observed during routine non-emergency operations. The 2017 evacuation of Hurricane Irma has been referred to as the largest evacuation in the history of the nation with approximately 6.5 million Floridians under mandatory or voluntary evacuation orders. The present research will be focusing on the evacuation process of the coastal communities in the Florida Keys.
Describe Implementation of Research Outcomes (or why not implemented) - Place any photos here <i>To be determined upon conclusion of the project:</i>
Impacts/Benefits of Implementation (actual, not anticipated) <i>To be determined upon conclusion of the project:</i>
Web Links: martrec.uark.edu
Budget (Funding) Amounts & Source(s) (US DOT +Match(s) =Total Costs): \$115,286(USDOT) + \$43,631 (Match) = \$158,917 (total)
Project Start and End Dates: 07/01/2019-06/30/2020
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