



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

Project Title: Learning from USACE Open Data for Locks
Project Abstract (Brief Description): Now that USACE Open Data is coming online there is great opportunity to leverage key resources for statistical learning. MarTREC is well positioned to lead the way in this particular activity by showing what kinds of analysis could be done with the newly published Corps Locks Queue Archive and Public Lock Unavailability Detailed Report. Using this recent investment in data access to its greatest advantage should be of general interest to USACE and Maritime Transportation researchers. Identifying USACE Open Data as something which could introduce interesting new challenges to the field of applied regression would also bolster Maritime Transportation as an important context for engineering statistics education.
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): \$84,660 from MarTREC and \$42,330 from department salary match. Total \$126,990
Project Start and End Dates: 08/13/18-08/14/20
Principal Investigator(s) and Contact Information: Justin Chimka, Industrial Engineering, University of Arkansas (479) 575-7392 jchimka@uark.edu 0000-0002-2931-6450
Principal Investigator Institution (University): University of Arkansas