

# TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS (TSMO)



Transportation Systems Management and Operations (TSMO) is an integrated set of strategies focused on operations improvements to maximize the safety, mobility and reliability of the transportation system. The Eastern Coalition's TSMO program focuses on the following strategies for our membership.

## TRAVELER INFORMATION

The Travel Information Services Committee supports the development of corridor-wide, multimodal traveler information systems providing users with accurate and timely information. This committee meets twice per year to focus on emerging technologies in traveler information and to provide an arena to exchange ideas within the member states.



The WAZE Technical Working Group also meets twice a year to work directly with WAZE to bring product features and enhancements to member states. The Coalition is exploring a combination of virtual and in-person formats for these meetings.

## HOGS

### HIGHWAY OPERATIONS GROUPS

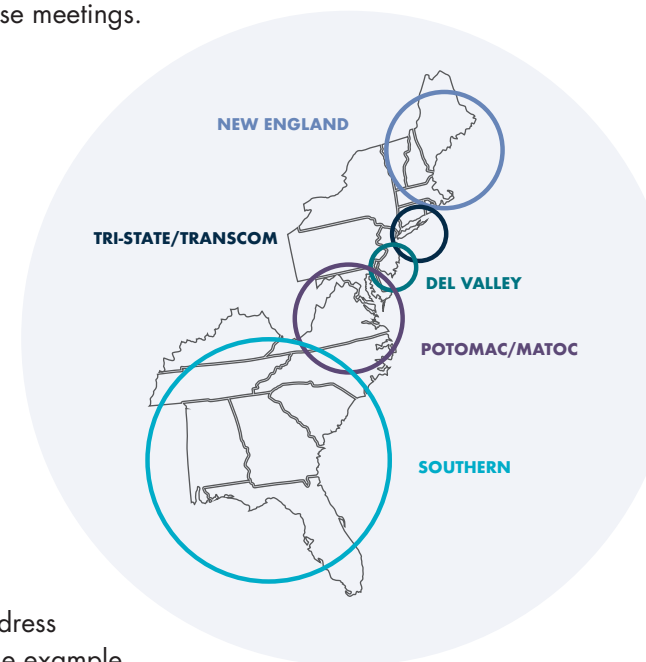
Highway Operations Group (HOG) forums are conducted in five regional areas. Member agencies meet in person to discuss challenges and identify operational strategies that extend within a state, across jurisdictional boundaries, and often across state lines. Collaboration also occurs with TRANSCOM and MATOC. HOGs are unique in that they bring together policy, planning, operations, maintenance, and first responder personnel for discussions on how to improve TSMO strategies and program.

## PROJECTS

The Eastern Coalition's TSMO program also manages various projects to address reliability, mobility and congestion challenges among the member states. One example is the federally funded Transportation Disruption and Disaster Statistics (TDADS) project.

### TRANSPORTATION DISRUPTION AND DISASTER STATISTICS (TDADS) PROJECT

The TDADS Project was initiated in 2019 and is led by the Coalition in partnership with the University of Maryland Center for Advanced Transportation Technology (CATT) using grant funding from the U.S. Bureau of Labor Statistics. The scope of the project is to develop and promote the use of an online tool for transportation analysts to access, analyze, and visualize data for monitoring and evaluating transportation network disruptions.



## TRAINING

THE CONSORTIUM FOR INNOVATIVE  
TRANSPORTATION EDUCATION (CITE)



The Consortium for Innovative Transportation Education (CITE) is an organization of university and industry partners with a primary mission to increase the overall number of properly educated TSMO professionals. As part of the long history of collaboration, the Coalition has created a pooled

### OPERATIONS ACADEMY

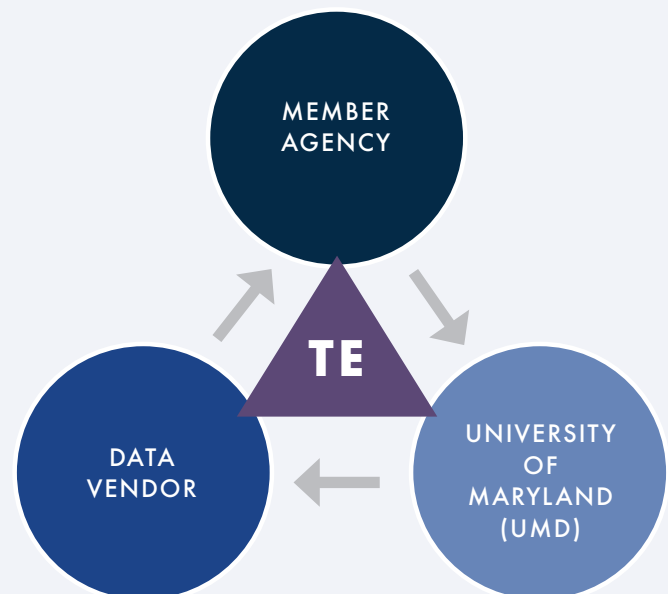
The Operations Academy is a two-week, total immersion transportation management and operations program. It was developed in response to the increasing demand for personnel with skills in these areas. The program uses a mix of classroom instruction, workshops, and analysis of existing systems to ensure the retention of the principles presented. It provides opportunities to practice and internalize the principles learned which is not possible in traditional classes and short courses. Each year, the Eastern Transportation Coalition provides funding for scholarships to candidates from each of our member agencies.



COALITION CLASS 2020

## TRAFFIC DATA MARKETPLACE PROGRAM

VEHICLE PROBE DATA MARKETPLACE PROGRAM



For many years the Coalition has negotiated on behalf of its members cost savings on vehicle probe data and products through the Traffic Data Marketplace (formerly the Vehicle Probe Project (VPP) Marketplace). Coalition staff provide valuable contract management and data validation to ensure the members are receiving quality data on which to base key operational and capital investments

Since 2007, the Marketplace has provided over \$50 million dollars worth of traffic data to its members. The Marketplace has over 100 affiliate agencies (MPO's, Municipalities, Commissions) that participate in the program. There are over 250 consultants and universities that work with the member agencies and participate in the program.

For more information on the coalition,  
visit [www.tetcoalition.org](http://www.tetcoalition.org)