



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, September 20, 2024

9:30 A.M. to 11:05 A.M. Eastern (6:30 A.M. to 8:05 A.M. Pacific)

[Virtual/online meeting](#)

(Call-in information included in the calendar invite)

AGENDA

- 9:30 A.M. **1. OPENING: MEETING ROLES, RULES, AND ROLL CALL OF PARTICIPANTS**
Mark Moran, TPB Program Director, Travel Forecasting and Emissions Analysis
Mr. Moran will discuss meeting roles, rules, and conduct a roll call of participants.
- 9:40 A.M. **2. APPROVAL OF MEETING HIGHLIGHTS FROM THE PREVIOUS MEETING, HELD JULY 12**
Harun Rashid, Planning Analytics Manager, Northern Virginia Transportation Authority (NVTA); TFS Chair
- 9:45 A.M. **3. COG/TPB GEN3 TRAVEL MODEL: STATUS REPORT**
Feng Xie, TPB Program Manager, Model Development Group
Dr. Xie will provide a status report on the third and final phase of development of the COG/TPB Gen3 Travel Model, which is designed to verify that the Gen3 Model is ready for production use. He will discuss the recent preparation of a modeling directory and model input files for the upcoming model usability testing. He will also discuss recent model enhancements and bugfixes.
- 10:00 A.M. **4. ORIGIN-DESTINATION ANALYSIS OF TWO BIG DATA PROVIDERS: REPLICA AND STREETLIGHT DATA**
Zhuo Yang, TPB Transportation Analyst
This research studies origin-destination summaries for the TPB planning region. It first develops an apples-to-apples comparison, followed by sharing findings from the county level between different data sets.
- 10:20 A.M. **5. EVALUATION OF BIG DATA FOR MODEL DEVELOPMENT**
Ray Ngo, TPB Principal Transportation Engineer
This presentation examines the validity of Big Data for model development purposes, with a focus on traffic volumes by screenline and Vehicle Miles Traveled (VMT) by jurisdiction.
- 10:40 A.M. **6. ROUNDTABLE DISCUSSION OF CURRENT MODELING EFFORTS AROUND THE REGION**
Harun Rashid, TFS Chair
TFS members will have an opportunity to inform the subcommittee about active or planned project planning studies that are underway in their respective jurisdictions.

Reasonable accommodations are provided upon request, including alternative formats of meeting materials.
Visit www.mwcof.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD).

10:55 A.M. 7. NEXT MEETING AND OTHER BUSINESS

- a. Next meeting of the TFS: Friday, November 22, 2024, 9:30 AM to 12:00 noon
- b. Upcoming presentation at the Association of Metropolitan Planning Organizations (AMPO) Annual Conference in Salt Lake City, Utah: Flood, Joe, Mark S. Moran, Guy Rousseau, Dennis Farmer. “ActivitySim: Open-Source Modeling Updates and Implementations (BREAKOUT SESSION 8-C: Activity-Based Travel Demand Modeling).” September 26, 2024.
- c. Planned presentations at upcoming TFS meetings (Mark Moran)
 - a. Nov. 22, 2024
 - i. COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - ii. Comparison of observed traffic counts and StreetLight Data traffic counts using the AADT metric: Updates since July (Yu Gao)
 - iii. ~~An update on the status of Travel Demand Modeling in Prince George’s County~~: Deferred to May 16
 - b. Jan. 24, 2025: COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - c. Mar. 21, 2025: COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - d. May 16, 2025
 - i. COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - ii. An update on the status of Travel Demand Modeling in Prince George’s County, MD (Manfredo Davila, Planner III, M-NCPPC and Krishna Patnam, AECOM)
- d. Other business

11:05 A.M. 8. ADJOURN