



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, May 17, 2024

9:30 A.M. to 11:45 A.M. Eastern (6:30 A.M. to 8:45 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 MARCH 22, 2024 MEETING**
Kevin Chai, Transportation Planner, Fairfax County Department of Transportation; Acting TFS Chair (Harun Rashid could not make today's meeting)
- 9:45 A.M. 3. STATUS REPORT ON THE COG/TPB GEN3 TRAVEL MODEL**
Feng Xie, TPB Program Manager, Model Development Group
Dr. Xie will provide a status report on the COG/TPB Gen3 Travel Model, including the planned usability testing, which is to be the third and final phase of development, and which is designed to verify that the Gen3 Model is ready for production use.
- 10:10 A.M. 4. FEASIBILITY OF ADAPTING VISIONEVAL FOR SCENARIO PLANNING IN VIRGINIA**
John Miller, Associate Director, Virginia Transportation Research Council
Dr. Miller will discuss the experiences of the Virginia Department of Transportation (VDOT) regarding its use of VisionEval, an open-source, scenario analysis software package, as described in a 2022 report.¹ Documentation of VisionEval is available at <https://visioneval.org/>
- 10:50 A.M. 5. AGENT: A PLATFORM FOR DEMAND MODELING AND ITS RECENT KEY APPLICATIONS**
Gaurav Vyas, Project Manager, Bentley Systems, Inc.
This presentation includes an introduction to the AGENT demand modelling platform and examples of key applications. A related presentation on this topic was made to the TFS in May 2023.

¹ John Miller, Dan Flynn, Eric Engin, Jeremy Raw, Sayed Adel, and Lance Dougald. "Feasibility of Adapting VisionEval for Scenario Planning" (Richmond, Virginia: Virginia Department of Transportation and Federal Highway Administration, March 2022), https://rosap.nhtl.bts.gov/view/dot/61323/dot_61323_DS1.pdf.

11:20 A.M. 6. ROUNDTABLE DISCUSSION OF CURRENT MODELING EFFORTS AROUND THE REGION

Kevin Chai, Acting 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.

11:35 A.M. 7. OTHER BUSINESS

- a. Next planned TFS meeting: Friday, July 19, 2024, 9:30 AM to 12:00 noon
- b. Retirements of Joe Davis, Martha Kile, and Paul DesJardin (Mark Moran)
- c. Planned presentations at upcoming TFS meetings (Mark Moran)
 - 1. July 19
 - a. COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - b. Briefing on the COG/TPB 2023 Air Passenger Survey (Kenneth Joh)
 - 2. Sep. 20
 - a. COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - b. (open slot)
 - 3. Nov. 22
 - a. COG/TPB Gen3 Travel Model: Status report (Feng Xie)
 - b. An update on the status of Travel Demand Modeling in Prince George's County (Manfredo Davila, M-NCPPC, and Krishna Patnam, AECOM)
- d. Other items?

11:45 A.M. 8. ADJOURN