



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, May 15, 2020
9:30 A.M. to 12:00 noon Eastern
(6:30 A.M. to 9:00 A.M. Pacific)

Due to COVID-19 precautions, this meeting will be held by teleconference (WebEx)

(Call-in information at the bottom of this agenda)

AGENDA

- 9:30 A.M. **1. INTRODUCTIONS AND APPROVAL OF MEETING HIGHLIGHTS FROM THE PREVIOUS MEETING**
Amir Shahpar (Virginia Department of Transportation), TFS Chair
- 9:35 A.M. **2. TPB'S PRODUCTION-USE TRAVEL DEMAND FORECASTING MODEL**
Feng Xie, TPB Transportation Engineer
- The Gen2/Ver. 2.3.78 Model is now the production-use travel model and is available for data requests. Staff is working to develop a new, production-use model, Gen2/Ver. 2.4, that will be available in the fall and will be used until the Gen3 Model is ready for use. Mr. Xie will discuss how to obtain the Ver. 2.3.78 Model transmittal package and will discuss the updates planned for the Ver. 2.4 Model.
- 9:50 A.M. **3. BIG DATA EVALUATION: PRELIMINARY RESULTS**
Tim Canan, TPB Program Director, Planning Data and Research
- The subcommittee will be briefed on the methodology and preliminary results of the evaluation of Big Data and its use and limitations in regional travel and mobility analyses and modeling in the Washington region.
- 10:15 A.M. **4. TPB'S DEVELOPMENTAL TRAVEL DEMAND FORECASTING MODELS: GEN3**
Joel Freedman, Senior Director, RSG
- Mr. Freedman will discuss the status of the TPB's next-generation travel demand model, known as the Generation-3, or Gen3, Model.
- 10:40 A.M. **5. 2019 WASHINGTON-BALTIMORE REGIONAL AIR PASSENGER SURVEY: GENERAL FINDINGS**
Arianna Koudounas, AICP, TPB Transportation Planner
- Ms. Koudounas will brief the subcommittee on the general findings of the 2019 Washington-Baltimore Regional Air Passenger Survey, which took place in October 2019 at the region's three major commercial airports:

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

Baltimore/Washington International Thurgood Marshall Airport (BWI), Ronald Reagan Washington National Airport (DCA), and Washington Dulles International Airport (IAD).

11:00 A.M. 6. A TOUR OF ELTOD4 MODEL

Lihe Wang, AECOM

The ELToD4 (Express Lanes Time of Day version 4) model is a dynamic traffic assignment (DTA) model to forecast traffic and toll rates of complex express-lanes networks in large metropolitan areas. It is an analytical model for practical travel demand forecasting with a time-dependent path builder and an advanced mixed multinomial logit (MMNL) toll choice model. The model has been used for multiple projects in the Miami metropolitan area for Florida's Turnpike Enterprise.

11:25 A.M. 7. ACCESSIBILITY APPLICATION TO SUPPORT VDOT'S SMART SCALE PROJECT PRIORITIZATION PROCESS

Jim Lam, Caliper

Mr. Lam will describe an accessibility application, developed in TransCAD, to support VDOT's SMART SCALE project prioritization process.

11:45 A.M. 8. OTHER BUSINESS

- 2017-2018 Regional Travel Survey: Status report (Ken Joh)
- Roundtable discussion on traffic counts in the time of COVID-19
- Scheduling non-COG TFS presentations for CY 2020 (Mark Moran)

12:00 P.M. 9. ADJOURN

The next meeting is scheduled for Friday, July 17, 2020 at 9:30 A.M.

Call-In and Web Conferencing Information

Friday, May 15, 2020 9:30 am | 2 hours 30 minutes | (UTC-04:00) Eastern Time (US & Canada)

Meeting number: 616 181 503

[Join WebEx Meeting](#)

Use computer audio if you can. Second best option, "call me." Other options are shown below:

Join by video system

Dial 616181503@mwcoj.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

Join by phone

1-650-479-3207 Call-in toll number (US/Canada)

Access code: 616 181 503