



SOUTHERN CALIFORNIA
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MEETING OF THE

MODELING TASK FORCE

Wednesday, September 22, 2021
10:00 a.m. – 12:00 noon

SCAG OFFICES

**900 Wilshire Blvd., Ste. 1700
Policy Committee A Room
Los Angeles, CA 90017
(213) 236-1800**

VIDEOCONFERENCE AND TELECONFERENCE ALSO AVAILABLE

Please see Page 2 for information on How to Participate. For other information or questions, please contact Cheryl Leising at (213) 236-1926 or via email at leising@scag.ca.gov

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Kihong Kim at (213) 236-1914 or via email at kimk@scag.ca.gov. Agendas & Minutes for the Modeling Task Force are also available at: <https://scag.ca.gov/modeling-task-force>

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency's essential public information and services. You can request such assistance by calling (213) 630-1402. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.

How to Participate

For the September 22nd Modeling Task Force Meeting, the meeting is held via Zoom Conferencing with log in information as follows:

Zoom Meeting

Join from PC, Mac, Linux, iOS or Android:

<https://zoom.us/j/679716911>

To Join by Zoom

1. Click the following link: <https://scag.zoom.us/j/679716911>
2. If Zoom is not already installed on your computer, click “download & run Zoom” on the launch page and press “run” when prompted by your browser. If Zoom has previously been installed on your computer, please allow a few moments for the application to launch automatically.
3. Select “Join Audio via Computer.”
4. The virtual conference room will open. If you receive a message reading, “Please wait for the host to start this meeting,” simply remain in the room until the meeting begins.

Teleconference

Dial: 1-669-900-6833

Meeting ID: 679 716 911

To Join By Phone

1. Call **(669) 900-6833** to access the conference room. Given high call volumes recently experienced by Zoom, please continue calling until you connect successfully.
2. Enter the **Meeting ID: 679 716 991**, followed by #.
3. Indicate that you are a participant by pressing # to continue.
4. You will hear audio of the meeting in progress. Remain on the line if the meeting has not yet started.

AGENDA

“Any item listed on the agenda (action or information) may be acted upon at the discretion of the Committee”.

1.0 CALL TO ORDER AND INTRODUCTIONS

Ginger Koblasz
@ SBCTA
Chairperson

2.0 PUBLIC COMMENT PERIOD

Members of the public desiring to speak on an agenda item or items not on the agenda, but within the purview of this Task Force, must fill out and present a speaker’s card to the Assistant prior to speaking. A speaker’s card must be turned in before the meeting is called to order. Comments will be limited to three minutes. The Chair may limit the total time for comments to twenty (20) minutes.

3.0 INFORMATION ITEMS

3.1 Updates on Regional and Subregional Modeling Programs

Group Discussion
15 minutes

Discussion by MTF members – an opportunity for agencies to share the status of their current modeling projects and upcoming modeling priorities.

3.2 Dynamic Forecasting on Mode Swings

Alan L. Rao,
Scott Lian,
Adrian Hellman, and
Olivia Gillham
@ Volpe National
Transportation
Systems Center
(USDOT/OST-R)
40 minutes

This pandemic gave us an opportunity to see the changes in both mode choices and volume distributions (over the time of a day). To better study the relationship between the two, researchers at Volpe Center explored the machine learning (ML) methods to predict the changes in “mode swings”. This Mode Swing Dynamic Forecasting (MSDF) model can predict highway traffic flows and transit ridership with a seasonality and risk perception for a short term. This may help improve our transportation demand modeling for a longer term on telework, automated driving systems (ADS), and land-use zoning changes.

3.3 SCAG Integrated Passenger and Freight Rail Forecast - Rail Traffic Controller (RTC) Modeling Software

SCAG staff will present the MTF with an update on the SCAG Integrated Passenger and Freight Rail Forecast. This study is forecasting both future passenger and freight rail volumes in the SCAG region out to 2045/2050. Results will inform what rail capacity infrastructure projects need to be constructed and when. AECOM staff will present the Rail Traffic Controller (RTC) modeling software being used for the forecasting.

Stephen Fox
@ SCAG;
Willard Keeney
@ AECOM
30 minutes

4.0 CHAIR'S REPORT

5.0 STAFF REPORT(S)

6.0 FUTURE AGENDA ITEMS

- SCAG Regional Dedicated Transit Lanes Study
- SCAG ABM Enhancement
- SCAG Truck Model Update

7.0 ADJOURNMENT

The next meeting of the Modeling Task Force is scheduled for January 26th, 2022 at 10:00 a.m. via Zoom meeting.