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MEETING OF THE

MODELING TASK FORCE

Wednesday, January 26, 2022
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 Ellen Jisu Lee at (213) 236-1867 or via email at leej@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 January 26th 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

Robert Farley
@ LA Metro
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 Talk (with slides) and Technical Discussion with Volpe: Using System Dynamics Approach to Understand the Long-term effects of Pandemics on Travel and Housing Decisions

**Jingsi Shaw,
Scott Smith,
Joseph Stanford,
Hannah Rakoff,
Kendall Mahavier**
@ Volpe National
Transportation
Systems Center, U.S.
Department of
Transportation
(40 minutes)

Existing modeling tools have limited capabilities to represent the multifaceted impacts of telework on transportation and land use. This presentation uses two examples to show how the System Dynamics (SD) approach can assess the key factors in the future of commuting and remote work. One example (macro-level) shows the main structural factors in land use and transportation and how telework could influence the interactions among some of the key factors (e.g., how telework could influence congestion and workers’ decision towards choosing jobs located in urban areas, or how telework could affect households’ residential location choices and the housing market). The other example (micro-level) uses a mind-map approach, a bottom-up approach in SD, to

identify key criteria that a household would consider when making residential relocation decisions. The bottom-up approach could be useful for engaging stakeholders in identifying modeling gaps and prioritizing modeling and data needs. The SD approach can be used as a complementary tool to existing regional land use and transportation models.

3.3 Contextualized Freight and Mobility Insights

Jean Pilon-Bignell
@Geotab ITS
(40 minutes)

Join the Geotab ITS team to learn how connected-vehicle data can be used to expose hyperlocal freight and mobility insights. We'll dive into real-world scenarios to discover how these insights provide valuable context to different transportation planning and modeling stakeholders across the nation. Learn why unlocking the context behind goods and service movements will create a comprehensive picture into your region's transportation network and local supply chain.

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 March 23rd, 2022 at 10:00 a.m. via Zoom meeting.