



SOUTHERN CALIFORNIA
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MEETING OF THE

MODELING TASK FORCE

Wednesday, January 27, 2020
10:00 a.m. – 11:30 a.m.

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: www.scag.ca.gov/committees

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) 236-1908. 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 27th 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

1.1 Modeling Task Force Chairperson

The Chair of the Modeling Task Force rotates annually between the modeling leads of the County Transportation Commissions and Caltrans. SCAG staff asks the Committee to affirm the appointment of **Ginger Koblasz** at SBCTA, as the new Modeling Task Force Chair for Year 2021. The Modeling Task Force extends its appreciation to **Cameron Brown** at WRCOG for his service as Chair over the past year.

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 Quantifying the Potential Employment Accessibility Benefits of Shared Automated Mobility Services: SCAG Region Case Study

Michael Hyland
@ UC, Irvine
40 minutes

Workers in Southern California currently face transportation-related challenges accessing employment opportunities related to parking costs, long commute distances, and transit service quality. The advent of automated vehicles and potential for Shared Autonomous Mobility Services (SAMS) may help address employment accessibility challenges. SAMS are similar to existing mobility services provided by companies such as Uber and Lyft, except SAMS vehicles are driverless, thus significantly decreasing their operational costs. The goal of this study is to assess and quantify the potential employment

accessibility benefits of SAMS modes across the SCAG region considering heterogeneity in the working population. To meet this goal, this study proposes employing a welfare-based (i.e. logsum-based) measure of accessibility, obtained via estimating a hierarchical work destination-commute mode choice model. The accessibility analysis results in Southern California indicate: (i) workers living in lower density areas benefit more than workers living in high-density areas; (ii) nearly all the commute benefits come from the SAMS-only mode as opposed to the SAMS+Transit intermodal option; and (iii) the SAMS cost per mile assumption significantly impacts the magnitude of the overall employment accessibility benefits.

3.2 Updates on Sub-Regional Modeling Programs

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

Group Discussion

15 minutes

3.3 SCAG Modeling Update

Status update to SCAG Modeling projects.

Hsi-Hwa Hu

@ SCAG

15 minutes

4.0 CHAIR'S REPORT

5.0 STAFF REPORT(S)

6.0 FUTURE AGENDA ITEMS

TransCAD 9; SCAG SPM

7.0 ADJOURNMENT

The next meeting of the Modeling Task Force is scheduled for 10:00 a.m. on March 31, 2021 via Zoom meeting.