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MEETING OF THE

MODELING TASK FORCE

Wednesday, September 27, 2023
10:00 a.m. – 12:00 p.m.

*****ZOOM AND TELECONFERENCE ONLY*****

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 September 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 the 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

Archie Tan @OCTA
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, send an email to the Assistant prior to speaking (Cheryl Leising; leising@scag.ca.gov). Comments will be limited to three minutes. The Chair may limit the total time for comments to ten (10) minutes.

3.0 INFORMATION ITEMS

3.1 Update 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.

SCAG 2024 Draft RTP/SCS – Model Output Review

Hsi-Hwa Hu
@SCAG

3.2 TransModeler Development for the I-405 Improvement Project

In 2017, OCTA began design of the I-405 Improvement Project which is estimated to be completed late 2023. The project proposes to include one additional general purpose lane in each direction, one additional managed lane in each direction, and conversion of existing high-occupancy vehicle (HOV) lane to high-occupancy toll (HOT) lane. In preparation for the completion of this project, OCTA has developed a Caliper TransModeler microsimulation model to capture the operational characteristics of the corridor with the project in place.

Archie Tan
@OCTA
Anna Luo
@Fehr and Peers
Loren Bloomberg
@Jacobs
45 minutes

3.3 SCAG ABM Enhancement, Calibration, Validation, and Sensitivity Analysis: Summary of the SCAG ABM Peer Review Meeting

**Raghuprasad
Sidharthan and Sara
Khoeini
@WSP, USA
40 minutes**

This presentation offers an outline of the SCAG ABM model update project in three areas: model enhancements, calibration and validation, and sensitivity analysis. The enhancements encompass refined sub-models, newly integrated sub-models, optimized runtime performance, and revised mode choice structure. The updated iteration of the SCAG ABM model underwent rigorous evaluation by field experts through a peer-review process. The presentation will also address recommendations for potential advancements highlighted by the peer-review panel.

4.0 CHAIR'S REPORT

5.0 STAFF REPORT(S)

6.0 FUTURE AGENDA ITEMS

- California Vehicle Survey Analysis
- Household survey methodology (the joint project with other MPOs)
- TNC Survey Analysis
- SCAG Truck Model Update

7.0 ADJOURNMENT

The next meeting of the Modeling Task Force is scheduled for Wednesday, January 24, 2024 at 10:00 am (PT) via Zoom meeting.