MEETING OF THE

MODELING TASK FORCE

Thursday, September 25, 2025
10:00 a.m. – 12:00 p.m.

ZOOM AND TELECONFERENCE ONLY

VIDEO AND TELECONFERENCE IS AVAILABLE

For call-in information, 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

In accordance with the Americans with Disabilities Act (ADA), SCAG provides accommodations for persons who require them to participate in public meetings. SCAG also provides translations of its documents upon request in accordance with Title VI. Both services can be requested with at least 72 hours (three days) notice in advance of the meetings by calling (213) 630-1410.

How to Participate

For the Modeling Task Force Meetings, 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

Robert Farley
@LA Metro
Chairperson

2.0 INFORMATION ITEMS

2.1 SCAG Update

Philip Law, Planning Deputy Director at SCAG, will provide an overview of the newly established Regional Planning Policy & Analysis subdivision and its departments. He will also introduce Jinghua Xu, who has recently been appointed as SCAG's new Modeling Manager.

Philip Law
Jinghua Xu
@SCAG
10 minutes

2.2 Update on Regional and Subregional 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

2.3 Dynamic Traffic Assignment and Simulation for the SCAG Region

This presentation provides a progress update on the SCAG project: Dynamic Traffic Assignment and Simulation for the SCAG Region. TraffiQure Technologies has developed a DTA simulation tool based on the 2019 base year scenario of SCAG 2024 RTP/SCS regional travel demand model. The project utilizes open-source DTA tool MAC-POSTS with significant enhancements tailored to SCAG. SCAG network and demand data have been converted to MAC-POSTS format, and a full-network DTA simulation was implemented and tested on SCAG's AWS server.

Hui Deng
@SCAG
Sean Qian
@TraffiQure
Technologies

45 minutes

2.4 Estimate then Predict: Convex Formulation for Travel Demand Forecasting

Youngseo Kim
@UCLA
40 minutes

Travel demand forecasting models play a crucial role in evaluating large-scale infrastructure projects, such as the construction of new roads or transit lines. In this presentation, we propose a novel convex programming approach and present a key theorem demonstrating that the resulting optimal solution characterizes travelers' equilibrium, maximizing utility across destination, mode, and route choices in congested networks. Our convex programming approach can increase the accuracy of travel demand forecasting and complement existing efforts with agent-based modeling approaches.

3.0 CHAIR'S REPORT

4.0 STAFF REPORT(S)

5.0 FUTURE AGENDA ITEMS
- California Vehicle Survey Analysis
- TNC Survey Analysis

6.0 ADJOURNMENT

The next meeting of the Modeling Task Force is scheduled for Thursday, January 22, 2026.