



SOUTHERN CALIFORNIA  
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## MEETING OF THE

# MODELING TASK FORCE

*Wednesday, July 27, 2022*

*10:00 a.m. – 12:00 p.m. (PT)*

### 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](mailto: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](mailto: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 July 27<sup>th</sup> 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**

**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 Effectiveness of Nonpharmaceutical Interventions to Avert the Second COVID-19 Surge in Los Angeles County: A Simulation Study**

**Caroline Rodier,**  
**Abigail Horn,**  
**Yunwan Zhang**  
@ UC, Davis & USC  
40 minutes

This study was a simulation that aimed to understand the nonpharmaceutical interventions (NPIs) that could be implemented at the early stages of a COVID-19 surge to avoid a large wave of infections, deaths, and an overwhelmed hospital system. These include expanded use of cloth masks, N95 masks, antigen testing, and restrictions to reduce contact intensities. To simulate the implementation of the NPIs, we integrated a dynamic agent-based travel model with a viral infection model. Both models were developed with and calibrated to local data from Los Angeles (L.A. County). The study shows investments made in activity-based travel models, including detailed individual and activity data,

improved the evaluation of NPIs to reduce viral infections, including COVID-19, cost-effectively. Furthermore, this study suggests that when multiple NPIs are combined, that is, when N95 masks are paired with shutdown and capacity restrictions, they can be very effective even at low adoption rates.

### **3.3 SCAG's Base Year 2019 Transit Model Network Development**

**KiHong Kim**  
@ SCAG  
30 minutes

SCAG staff will overview the development of transit model network in TransCAD for the 2019 base year of 2024 RTP. The presentation will include data source, GTFS import, transit network attributes, etc.

## **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 Regional Dedicated Transit Lanes Study
- SCAG Truck Model Update

## **7.0 ADJOURNMENT**

The next meeting of the Modeling Task Force is scheduled for September 28, 2022 at 10:00 a.m. (PT) via Zoom meeting.