



SOUTHERN CALIFORNIA  
ASSOCIATION OF GOVERNMENTS  
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## MEETING OF THE

# MODELING TASK FORCE

*Wednesday, October 23, 2019*  
**10:00 a.m. – 12:00 p.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](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 Kihong Kim at (213) 236-1914 or via email at [kimk@scag.ca.gov](mailto:kimk@scag.ca.gov). Agendas & Minutes for the Modeling Task Force are also available at: [www.scag.ca.gov/committees](http://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

## In Person

**SCAG Downtown Office Policy Room A**  
900 Wilshire Blvd., 17<sup>th</sup> Floor  
Los Angeles, CA 90017  
213-236-1800

*\* Visitors MUST check in at Security Desk in lobby, and your name needs to be on the RSVP list that was gathered prior to the meeting. No “walk-in visitors” will be allowed. Please contact Cheryl Leising [leising@scaq.ca.gov](mailto:leising@scaq.ca.gov) to be added to list prior to meetings.*

## Videoconference

**San Bernardino County**  
1170 West 3<sup>rd</sup> Street, Suite 140  
San Bernardino, CA 92410  
Telephone: 909-806-3556

**Riverside County**  
3403 10<sup>th</sup> Street, Suite 805  
Riverside, CA 92501  
Telephone: 951-784-1513

## Web Meeting

Join from PC, Mac, Linux, iOS or Android:  
<https://zoom.us/j/679716911>

## Teleconference

**Dial:** 1-669-900-6833  
**Meeting ID:** 679 716 911

# **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**

**Brian Smolke**  
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 Modelling Commercial Vehicles in Alberta**

This presentation will focus on the representation of commercial vehicle movements in the new Alberta Spatial Economic and Transportation (ASET) model, an integrated land use / transportation model system. For long distance travel, the economic flows by industry and commodity from the PECAS spatially disaggregate input-output model are converted to truck and non-truck trips. For shorter-distance travel, including urban service delivery, a tour-based microsimulation representation includes both trucks and light commercial vehicles; this model form has also been applied in SANDAG.

**Kevin Stefan &  
Doug Hunt,  
HBA Specto**  
40 minutes

### **3.2 StreetLight Data - Leveraging Big Data for Travel Demand Modeling**

**Matt Pettit,  
StreetLight**  
40 minutes

Historically, the ability to get comprehensive information about travel patterns, affordably and quickly, has been a major challenge for transportation planners and engineers. Agencies across the country are now just beginning to leverage geospatial data from smartphones, connected cars, and commercial fleet management systems for planning and operations, but the full potential of this technology has not been realized. While some of the possibilities of using these emergent data resources for travel demand modeling is generally well-known, often time it is overlooked at these Big Data analytics can be used for different levels of analyses, such as Internal-External trip analyses. In this presentation, Matt Pettit, Solution Engineer from StreetLight Data, will share several case-studies from a broad range of travel demand modeling applications.

### **3.3 SCAG Model Status Update**

**Hsi-Hwa Hu,  
SCAG**  
30 minutes

SCAG will update the status of recent modeling activities:

- Activity-based Model Validation and Peer Review Recommendation
- Model Operation for Connect So Cal (2020 RTP/SCS)
- Trip-based Model Update

## **4.0 CHAIR'S REPORT**

## **5.0 STAFF REPORT(S)**

## **6.0 FUTURE AGENDA ITEMS**

SCAG SPM updates; SACOG Replica

## **7.0 ADJOURNMENT**

The next meeting of the Modeling Task Force is scheduled for 10:00 a.m. on January 22, 2020 at SCAG's office in downtown Los Angeles.