



SOUTHERN CALIFORNIA  
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## MEETING OF THE

# MODELING TASK FORCE

*Wednesday, March 27, 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 Employer Travel Demand Management Data**

This research analyzes survey data from 2004-2016 from SCAQMD’s employer-based TDM program, known as Rule 2202, which allows employers to choose between implementing commute reduction strategies in order to meet performance standards or pay a fee-in-lieu based on their average vehicle ridership (AVR). After reporting descriptive program statistics, we conduct bivariate and regression analyses to determine which location characteristics, employer characteristics, and compliance strategies explain cross-sectional differences in AVR as well as AVR improvement in order to understand where future AVR increases might be realized.

**Kevin Kane,**  
**SCAG**  
30 minutes

### **3.2 California Freight Forecasting Model (CSFFM 3.0)**

The California Statewide Freight Forecasting Model (CSFFM 3.0) is being developed to operate as a comprehensive statewide tool that identifies freight movements by truck, rail, and air. New data sources, such as statewide truck GPS data, micro establishment data, California Vehicle-in-Use (CA-VIUS) and Truck Monitoring System (TAMS), have been incorporated into the Model estimation process to improve accuracy and provide enough support to disaggregate the freight flows to 5,454 TAZs. The new non-freight truck module is also added to the model to enable a complete truck VMT analysis.

**Fatemeh Ranaiefar,  
Fehr and Peers**  
40 minutes

### **3.3 Towards Resilience Investigations with the SCAG RTDM**

This presentation will talk about a novel model-based approach that couples an image-based structure-specific bridge modeling methodology with a metropolis-scale travel demand model (SCAG RTDM) to achieve a comprehensive and high-resolution resilience assessment. Due to its data-intensive nature, the proposed approach is capable of capturing and incorporating many details that are usually disregarded in traditional analyses, promising improved accuracy in estimating resilience and sustainability metrics of transportation networks.

**Eyuphan Koc,  
USC Viterbi**  
40 minutes

### **4.0 CHAIR'S REPORT**

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

### **6.0 FUTURE AGENDA ITEMS**

SCAG SPM Updates; Census PSAP; Farecard Analysis in the NextGen Bus Restructuring Study; Caliper software updates

### **7.0 ADJOURNMENT**

The next meeting of the Modeling Task Force is scheduled for 10:00 a.m. on May 22, 2019 at SCAG's office in downtown Los Angeles.