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MEETING OF THE

MODELING TASK FORCE

Wednesday, January 22, 2020
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

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. Agendas & Minutes for the Modeling Task Force are also available at: 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., 17th 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 to be added to list prior to meetings.*

Videoconference

San Bernardino County
1170 West 3rd Street, Suite 140
San Bernardino, CA 92410
Telephone: 909-806-3556

Riverside County
3403 10th 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, OCTA
Chairperson

1.1 Modeling Task Force Chairperson

The Chair of the Modeling Task Force rotates annually between the modeling leads of the County Transportation Commissions and Caltrans. SCAG staff asks the Committee to affirm the appointment of Cameron Brown, WRCOG, as the new Modeling Task Force Chair for Year 2020. The Modeling Task Force extends its appreciation to Brian Smolke from OCTA for his service as Chair over the past year.

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 A Tour of ELToD4 Model

ELToD4 (Express Lanes Time of Day version 4) model is a dynamic traffic assignment model to forecast traffic and toll rates of complex express lanes network in large metropolitan areas. It is an analytical based model for practical travel demand forecasting with time dependent path builder and an advanced mixed multinomial logit toll choice model.

**Lihe Wang &
David B. Roden**
@ AECOM
40 minutes

3.2 A Framework for Comprehensive Resilience Assessment Framework for Transportation Systems in Urban Areas (CRAFT)

Among the components of the ‘urban system’, transportation systems constitute the most critical facilitator that support

Eyuphan Koc
@ USC
40 minutes

the lives, interactions, and dynamics of urban dwellers. They are essential to the well-being of the society not only under business as usual conditions, but also during times of disaster for the entire response and recovery timeline. This talk introduces the CRAFT (Comprehensive Resilience Assessment Framework for Transportation Systems in Urban Areas) framework designed to achieve holistic analyses of transportation disruptions by addressing the many shortcomings and research gaps in this domain.

3.3 LOCUS: A Travel Behavior-based LBS Solution

Cambridge Systematics has developed a proprietary location-based services (LBS) product called LOCUS to support transportation planning and modeling studies nationwide. During this presentation, CS staff will outline how LOCUS is being used to redesign transit services in major metropolitan areas across the country.

**Anurag Komanduri &
Jingjing Jang
@ Cambridge
Systematics
30 minutes**

4.0 CHAIR'S REPORT

5.0 STAFF REPORT(S)

6.0 FUTURE AGENDA ITEMS

SCAG SPM updates; MATSim; SCAG FTIP Database

7.0 ADJOURNMENT

The next meeting of the Modeling Task Force is scheduled for 10:00 a.m. on March 25, 2020 at SCAG's office in downtown Los Angeles.