
SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS
MODELING TASK FORCE
January 28, 2015

MINUTES

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE MODELING TASK FORCE.

The Modeling Task Force held its meeting at SCAG's Main Office in Los Angeles on January 28, 2015.

Members Present:

Robert Farley (Chair)	Metro
Vamshi Akkinapally	AECOM
Eric Bierce	Cambridge
Cameron Brown	SANBAG
Tim Byrne	SANBAG
Ed Humenik	Caltrans
Ginger Koblasz	SANBAG
John Kulpa	RS&H
Ambarish Mukherju	LSA
Jonathan Osborn	Caltrans
Fatemah Ranaiefar	Fehr & Peers
Brian Smolke	OCTA
Jielin Sun	Parsons Brinckerhoff
Amy Volz	ARB
Steven Wang	KOA
Jinghua Xu	Fehr & Peers

SCAG Staff Present:

Cheryl Leising (via web-conference)	Hao Cheng
Mike Ainsworth	Sungsu Yoon
Bayarmaa Aleksandr	Yang Wang
Guoxiong Huang	Hsi-hwa Hu

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1.0 CALL TO ORDER AND INTRODUCTIONS

Robert Farley (Chair), called the meeting to order at 10:00 AM, and introductions were made.

2.0 PUBLIC COMMENT PERIOD

There were no public comments.

3.0 CONSENT CALENDAR

3.1 Approval Items

The September 24, 2014 meeting minutes were approved.

4.0 ACTION ITEM

Appointment of the new Modeling Task Force Chairperson for the Year 2015 – Brian Smolke, OCTA. Special thanks went to Robert Farley, Los Angeles Metro, for his service as Chair over the past year.

5.0 INFORMATION ITEMS

5.1 Updates on Subregional Modeling Programs

Commissions and Caltrans provided the group updates on their modeling programs. OCTA is in later stages of calibrating their TransCAD version of OCTAM. MTA in the midst of their model update process. MTA plans to be moving to a new zone system and highway network. They are also continuing working on their Bike Model.

5.2 Dynamic Traffic Assignment (DTA)

Yi-Chang Chiu from Metropia Inc. presented to the group the Dynamic Traffic Assignment (DTA) pilot project. Yi-Chang discussed the development of the program, applications, and capabilities of the DynusT Model. He also demonstrated the use of DynusT Model through multi-resolution modeling and congestion pricing modeling capabilities.

A copy of the presentation may be obtained from SCAG's Web Site at:
<http://www.scag.ca.gov/DataAndTools/Pages/ModelingTaskForce.aspx>

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5.3 SCAG Transportation Model Update

Hsi-Hwa Hu (SCAG) provided a status update of SCAG's Activity Based and Trip-Based Models. Discussed were the Trip-Based Model updates since the 2012RTP/SCS including: auto ownership model, trip production model, the Heavy Duty Truck Model and the Parking Cost Model. SCAG staff initiated an internal review procedure of the SCAG AMB Development where each sub-model has been reviewed and analyzed by SCAG staff. Based on the data analysis, about 70% of sub-models have been enhanced by SCAG staff. Hsi-Hwa also provided information on the ABM Software, hardware requirements, and the ABM Framework.

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5.4 Scenario Planning Model

Jung A Uhm (SCAG) provided the status of SCAG's Scenario Planning Model and a software demo. The presentation provided the functionalities of the Model, current model status, and next steps.

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5.5 RTP/SCS Update and Schedule

Courtney Aguirre (SCAG) discussed SCAG's 2016 RTP/SCS Schedule. This RTP/SCS will require significant collaboration and outreach. Discussed were the schedule for the Plan, the meeting/outreach schedule, and emerging themes. A key milestone date is October, when SCAG anticipates that the Regional Council will release the draft RTP/SCS and EIR, followed by a typical public comment period.

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5.6 ABM Model Input – Synthetic Population Generator

Sungbin Cho (SCAG) discussed and gave a description of SCAG's Synthetic Population Generator Program. He described how the Synthetic Population Generator works, the performance of the application by major variable, regional totals, weights, and use of PUMA data.

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6.0 CHAIR'S REPORT

There was no Chair's Report.

7.0 STAFF REPORT/INFORMATION SHARING

There was no Staff Report.

8.0 FUTURE AGENDA ITEMS

If there are any future agenda items to report, please speak to Mike Ainsworth.

9.0 ADJOURNMENT

There being no further business, the Meeting was adjourned at 12:00 pm. The next meeting of the Modeling Task Force will be held on March 25, 2015 at the SCAG offices in downtown Los Angeles at 10:00 am.