



The Oregon Modeling Steering Committee (OMSC)

An overview for the Oregon Modeling Users Group

March 22, 2018

Jeff Frkonja, Metro Research Center Director and OMSC Chair

Today

- A look at the OMSC's mission, goals and organizational structure
 - (including how OMUG fits)
- Update on current collaboration efforts

What is the OMSC?

➤ Inter-agency group formed in 1996 to collaborate on the development of statewide and regional transportation analysis tools.

- ODOT
- Oregon Dept of Energy
- Oregon Dept of Environmental Quality
- Oregon Health Authority
- Housing and Community Services
- Dept of Land Conservation and Development
- Federal Highway Administration
- All Oregon MPOs
- SW Washington RTC
- Port of Portland
- Oregon Office of Economic Analysis
- University Transportation Centers
 - PAC Trans
 - TREC
- University-At-Large Member

OMSC Mission

Our mission is to ensure Oregon continues to have the right tools, skills and expertise needed to answer important questions about our transportation systems, land uses and economy.

By providing opportunities for member agencies to build relationships, share knowledge and leverage resources efficiently, the OMSC allows Oregon's modeling services to mature and grow.

Goals

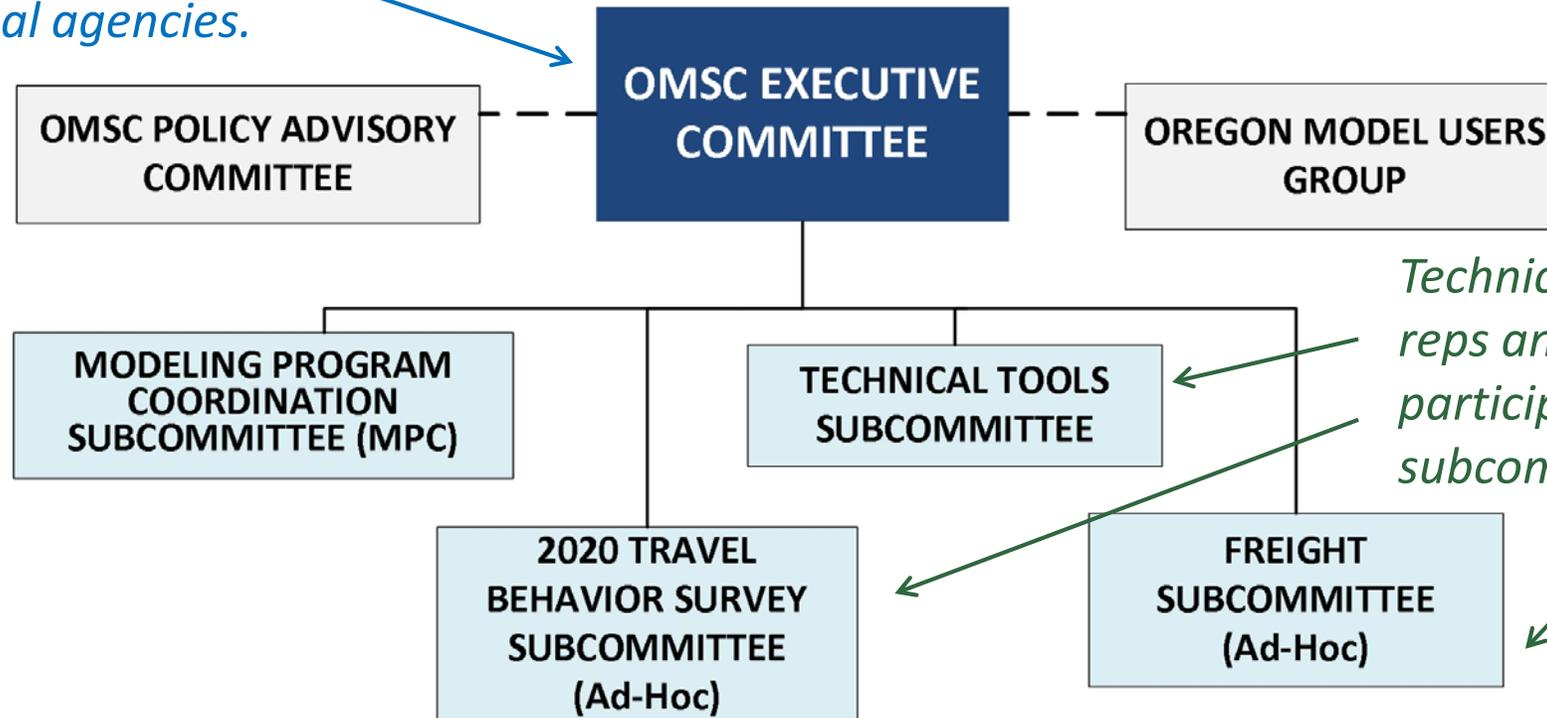
1. Promote inter-agency communication, collaboration and cooperation.
2. Facilitate technical excellence and innovation.
3. Cultivate the knowledge and talents of Oregon's modeling professionals.

OMSC Role



OMSC Structure

Policy-level participants include representatives from state, federal and regional agencies.



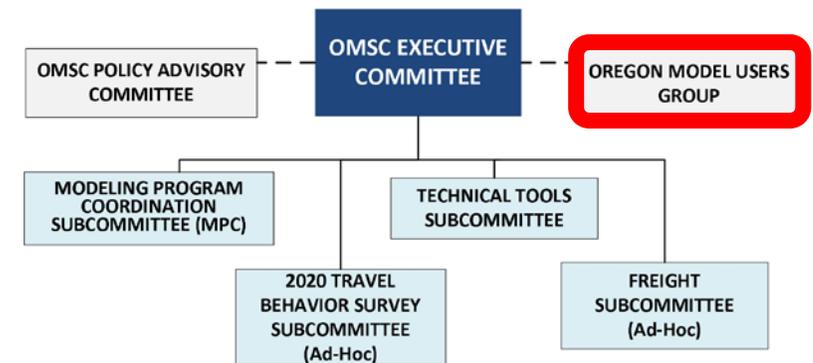
Technical staff, industry reps and consultants participate on OMUG and subcommittees.

How does OMUG fit?

Your OMUG Coordinating Committee:

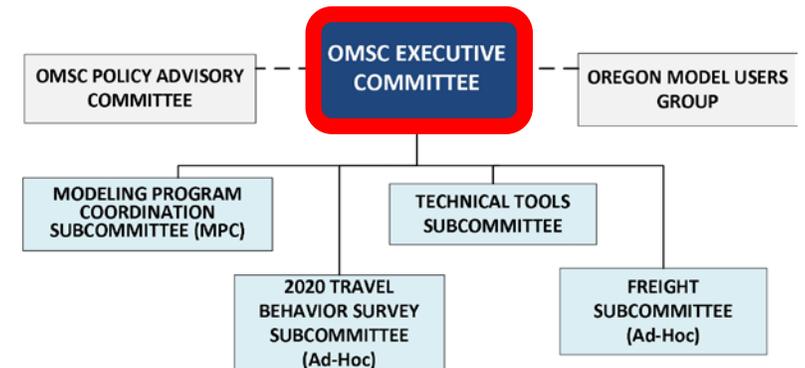
- Kyle Hauger, Metro
- Tara Weidner, ODOT
- Liming Wang, PSU

OMUG's coordinating committee works to identify topics of interest, and to arrange networking, educational and professional development opportunities for model users statewide.



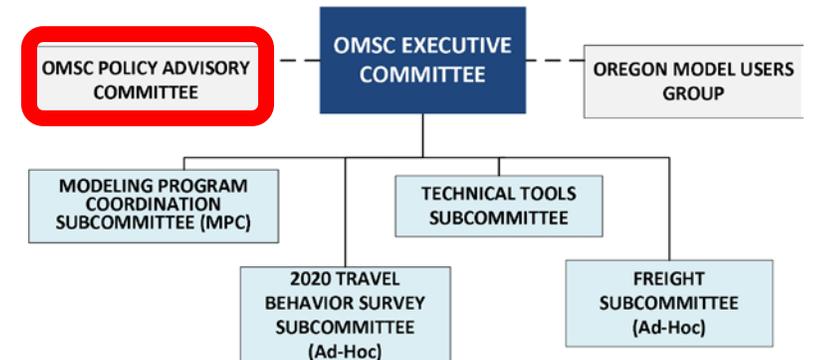
OMSC's Executive Committee

- Directs the OMSC's day to day operations
- Oversees the work of standing and ad hoc subcommittees that are responsible for developing OMSC work products.
- Current members:
 - Metro: *Jeff Frkonja and Chris Johnson*
 - ODOT: *Brian Dunn and Becky Knudson*
 - DEQ: *Wes Risher*
 - Mid-Size MPO: *Ray Jackson, MWVCOG*
 - Small MPO: *Tyler Deke, Bend MPO*



Policy Advisory Committee

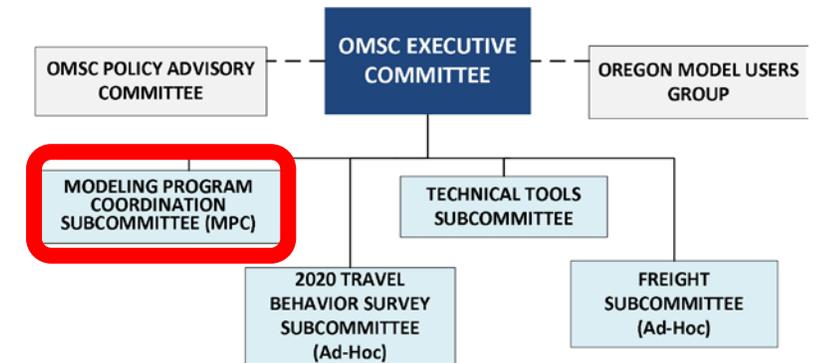
- Members are key State agencies and MPOs
- Sounding board for the OMSC Executive Committee
- Meets twice yearly
- Provides advice and guidance on policy issues and trends
- Not a mediation forum; advisory only and does not advocate for specific policy actions.



Modeling Program Coordination Subcommittee

Chair: Ray Jackson, MWVCOG

- Standing subcommittee
- Comprised of agency staff with MPO and statewide modeling responsibilities
- Meets 2-4 times per year
- Provides an inter-agency forum for discussion of model development and application issues for MPOs and ODOT.



Modeling Program Coordination Subcommittee

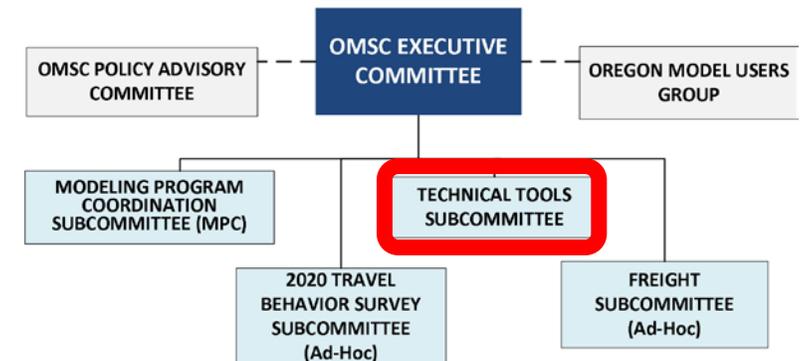
Current Work Areas

- Outlining a potential white paper for connected and autonomous vehicles
 - What are the questions?
 - What can we answer now?
 - What additional research is needed?
- Maintaining a list of model development and implementation needs

Technical Tools Subcommittee

Chair: Alex Bettinardi, ODOT

- Standing subcommittee, but operates like an ad-hoc committee.
- Membership changes based on subject matter expertise needed for different assignments.



Technical Tools Subcommittee

Current Work Areas

- Activity-Based Model Development
- Population Synthesizer

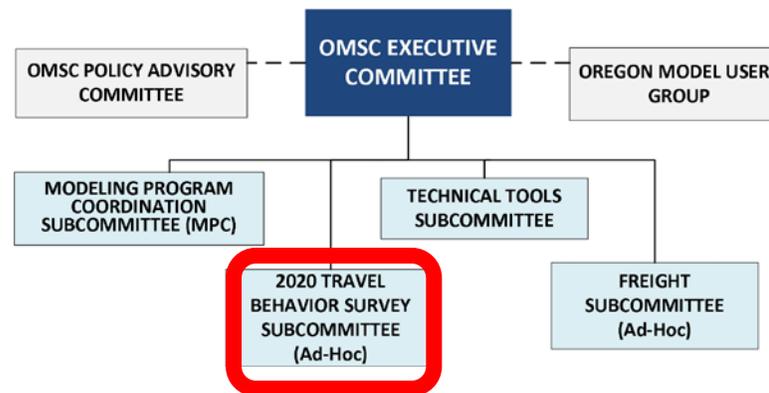
Upcoming Work Areas

- Coordinated Data Collection Plan
- Model Sufficiency Guidelines
- Model Validation Guidelines and Documentation Template

Travel Survey Subcommittee

Chair: Chris Johnson, Metro

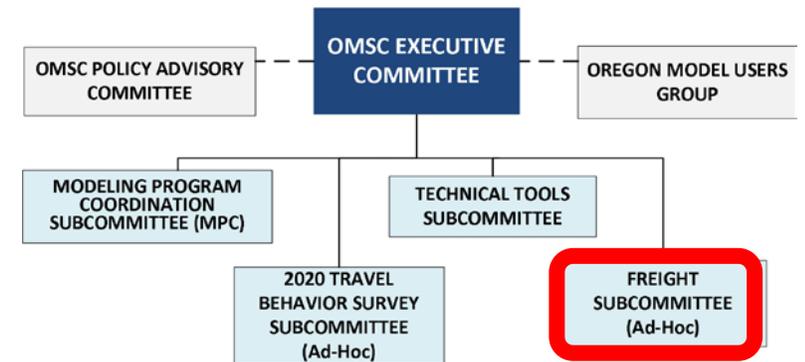
- Working collaboratively to prepare for the next Oregon Household Activity Survey
- Exploring lessons learned from PSRC and others nationally.



Freight Subcommittee

Chair: Becky Knudson, ODOT

- Ad-Hoc Subcommittee that is examining:
 - Freight policy needs
 - Modeling tools – available and to-be-developed
 - Data needs and gaps
 - Recommended approach to freight modeling for Oregon



Other Collaboration Topics

METRO'S MULTI-CRITERIA EVALUATION (MCE) TOOL

- Metro is applying MCE to the value pricing analysis
- Looking into a peer review process for the MCE
- Executive Committee has heard that other MPOs are interested in a similar tool – looking at promulgation opportunities.

Other Collaboration Topics

PERFORMANCE MEASURES

- Considering automating the process for federal performance reporting by ODOT and MPOs.
- OMSC members have assisted DLCD with development of potential state performance measures for the next update of Oregon's Transportation Planning Rule.

Where to find more on the OMSC:

<http://www.oregon.gov/ODOT/Planning/Pages/OMIP.aspx>

Questions?

Thank You!