

# **OREGON MODELING STEERING COMMITTEE**

## **FY 2011-2012 Program Goals**

### **INTRODUCTION**

The Oregon Modeling Steering Committee (OMSC) was formed in 1996 to provide direction and oversight to the Oregon statewide modeling program. The OMSC is currently composed of representatives of the following organizations:

- OR Department of Administrative Services-Office of Economic Analysis (OEA)
- OR Department of Energy (ODOE)
- OR Department of Environmental Quality (ODEQ)
- OR Department of Land Use and Conservation (DLCD)
- OR Department of Transportation (ODOT)
- Portland Metro (Metro)
- Mid-Willamette Valley Council of Governments (MWVCOG)
- Lane Council of Governments (LCOG)
- Rogue Valley Council of Governments (RVCOG)
- Corvallis Area Metropolitan Planning Organization (CAMPO)
- Bend Metropolitan Planning Organization (BMPO)
- Southwest Washington Regional Transportation Council (RTC)
- Port of Portland (POP)
- Oregon Transportation Research & Education Consortium (OTREC)
- Federal Highway Administration (FHWA)

It is the mission of the OMSC to:

- Improve the state-of-the-practice and promote state-of-the-art land use and transportation modeling in the state of Oregon.
- Serve as a consensus forum and support group to coordinate the land use-transportation modeling efforts of federal, state, regional and local agencies.

Much of the work of the OMSC is conducted through subcommittees. These program goals are intended to define the roles and responsibilities of these committees and to provide guidance to the OMSC and its subcommittees to meet the OMSC mission. Annual reports summarize the accomplishments of the OMSC toward meeting its annual program goals. The OMSC strategic plan and annual reports can be viewed at <http://www.oregon.gov/ODOT/TD/TP/OMSC.shtml>.

## **OMSC PROGRAM GOALS**

The OMSC Long-Range Strategy Subcommittee recommended these program goals to the OMSC. The program goals list the purpose and general responsibilities of the OMSC and each subcommittee. Specific tasks for FY2011-2012 are listed for each subcommittee. An organization chart showing relationships of OMSC Subcommittees is included at the end of the program goals.

### **Oregon Modeling Steering Committee - Bill Upton/ODOT, Chair**

***Purpose:*** Provide direction and oversight to the Oregon statewide modeling program. This cooperative effort maximizes the limited resources and expertise of the participating agencies/jurisdictions and helps develop consensus on uniform modeling practices and implementation across agency/jurisdictional lines and across the state.

***Responsibilities:*** All members of the OMSC are encouraged to:

- Promote state-of-the-art and state-of-the practice for modeling in Oregon for both rural and urban environments.
- Look for opportunities to create efficiencies through partnerships, shared resources, cooperative projects, and other methods.
- Work towards coordination of modeling efforts among all local, state and federal agencies and jurisdictions.
- Regularly discuss policy and application issues and opportunities, and technical tools.
- Encourage and support multi-agency/jurisdiction projects and programs.
- Expand the focus of the OMSC from transportation modeling to include land use and economic modeling as they relate to transportation.
- Provide oversight to subcommittee activities.
- Provide training and build private business partnerships to further the state of modeling.
- Collaboratively define, anticipate and discuss current and future end user needs.
- Interpret results of modeling efforts to allow visualization of results for maximum and best use of modeling tools.
- Through education and advocacy, make modeling a standard tool and decision-making process for Oregon communities and agencies.

#### ***FY2011-2012 Focus:***

- Continue to evaluate the family of analysis tools available in OR and advocate for expanded use of tools in the appropriate ways.
- Engage speakers and presenters for quarterly meetings to keep abreast of emerging issues, such as least cost planning (LCP) and greenhouse gas emissions reductions (GHG).
- Support the OR Household Activity Survey.
- Be responsive to legislative directives and mandates.

## **Standing Subcommittees**

Four standing subcommittees perform much of the work of the OMSC.

### **Long-Range Strategy Subcommittee – Bill Upton/ODOT, Chair**

**Purpose:** Responsible for annual work planning, strategic activities and OMSC membership.

**Responsibilities:**

- Develop quarterly meeting agendas
- Facilitate discussion and reevaluation of OMSC mission, role and responsibilities, as needed.
- Prepare Annual Report of Accomplishments and Annual Program Goals.
- Represent OMSC in public forums.
- Identify potential new OMSC members and coordinate new member orientation.

**FY2011-2012 Focus:**

- Develop strategy for transition of OMSC leadership.
- Strategize on how to address legislative mandates and directives.
- Outreach with OMSC member agencies to provide information on how OMSC can support their efforts.

### **Professional Development Subcommittee – Ray Jackson/MWVCOG, Chair**

**Purpose:** Address technical model development, education, training and quality control.

**Responsibilities:**

- Inform OMSC members of education and training opportunities.
- Assist in coordination of education and training programs, as requested.
- Keep OMSC members informed of developments and improvements for Oregon models through quarterly meeting updates.
- Coordinate university collaboration for conferences, seminars, and other cooperative endeavors.
- Encourage OMSC members to give presentations and submit professional articles on applications of Oregon models and modeling programs.
- Serve as chair of the Oregon Modeling Users Group (OMUG) and coordinate speakers and membership.

**FY2011-2012 Focus:**

- Coordinate and facilitate OMUG to share information with technical staff of agencies, jurisdictions and private interests.
- Explore opportunities for broader technical/training discussions.

### **Applications Subcommittee – Brian Dunn/ODOT, Chair**

**Purpose:** Address the environment and criteria under which models are applied, i.e., regulatory requirements and general application. Focal point for peer review and research.

**Responsibilities:**

- Coordinate development of policy and performance measures for public policy documents.
- Coordinate requests for OMSC support or review of modeling efforts or programs.
- Coordinate OMSC review and comment on regulatory issues that affect or are informed by modeling development and applications.
- Develop and maintain an on-going list of research projects and proposals from OMSC members.
- Provide OMSC sponsorship for research funding applications.

***FY2011-2012 Focus:***

- Coordinate OMSC-sponsored research proposals with ODOT Research Unit and OTREC.
- Maintain an on-going list of research projects and proposals from OMSC members.
- Coordinate peer review of Oregon models, as requested.

***Modeling Program Coordination Subcommittee – Dick Walker/Metro, Chair***

***Purpose:*** Provide a technical and interactive forum for discussion of model development and application issues for MPOs and ODOT.

***Responsibilities:***

- Provide forum for technical modeling discussions.
- Conduct an annual meeting and interim reviews for MPOs and ODOT to coordinate technical modeling programs and activities.
- Coordinate OMSC technical review of procedures and guidelines for use and application of models, development, application, post-processing and project level analysis.
- Look for opportunities for joint projects among OMSC members.

***FY2011-2012 Focus:***

- Coordinate transportation modeling agencies.
- Provide input and support for the OR Household Activities Survey Subcommittee.
- Coordinate the modeling component of MPO Unified Planning Work Programs (UPWPs) for Oregon MPOs for consistency and cooperation.

***Ad Hoc Subcommittees for Special Topics for FY2011-2012***

For issues that require personnel or expertise beyond the OMSC, or that are specific and complex issues, ad hoc subcommittees may be formed to implement activities of the OMSC. Ad Hoc Subcommittees will be chaired by an OMSC member and may include OMSC members and non-members. Following is a list of Ad Hoc Subcommittees and responsibilities recommended for FY2011-2012.

***Oregon Household Activity Survey (OHAS) Ad Hoc Subcommittee – Dick Walker/Metro and Bill Upton/ODOT, Co-chairs***

***Purpose:*** Provide oversight for development and implementation of the statewide Oregon Household Activity Survey.

***Responsibilities:***

- Provide oversight for consultant selection, development and implementation of the statewide survey.
- Coordinate funding of the survey.
- Oversee technical working group to work closely with selected consultant team.

***FY2011-2012 Focus:***

- Work with ODOT as project manager to identify/provide funding and coordinate implementation of the OHAS.
- Provide technical oversight to the OHAS program.
- Define storage, maintenance and manipulation program for OHAS data.
- Discuss/address consistent analysis of the survey data.
- Define process to use OHAS data in Oregon models.

**Oregon Modeling Users Group (OMUG) – Ray Jackson/MWVCOG, Chair**

***Purpose:*** Facilitate and encourage broad discussion and ideas on development and implementation of Oregon models throughout the Oregon modeling community.

***Responsibilities:***

- Organize and facilitate quarterly OMUG meetings.
- Encourage broad participation in OMUG by public and private interests involved in modeling in Oregon.
- Look for training and education opportunities by and for OMUG participants.

***FY2011-2012 Focus:***

- Coordinate speakers and schedule quarterly meetings of the OMUG.
- Look for opportunities for training and information sharing on technical tools for transportation and land use modeling.

**Greenhouse Gas Toolkit Subcommittee (GGTS) – Bill Upton/ODOT, Chair**

***Purpose:*** Provide independent review, comment on and make recommendations for development, improvement, applications and methodologies for analysis tools to address greenhouse gas (GHG) emissions reductions legislation, including the Senate Bill 1059 toolkit mandate and support for MPOs to address House Bill 2001. Ensure that analytical tools comply with and support policies for GHG emissions reductions.

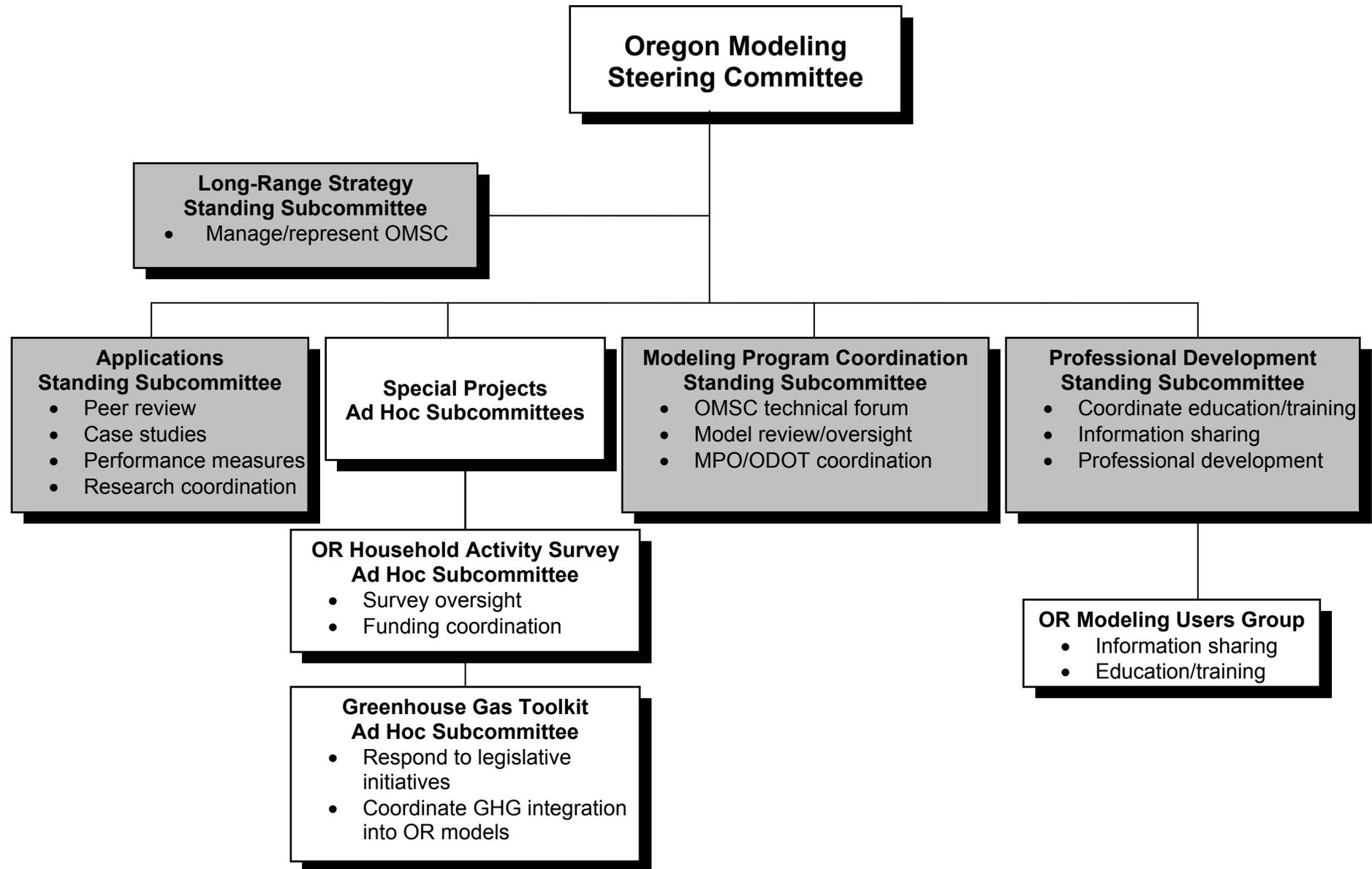
***Responsibilities:***

- Review Oregon modeling and analysis tools to define existing capabilities.
- Review national modeling and analysis tools that may be useful in Oregon to address GHG emissions reductions.
- Identify desired future modeling and analysis tools capabilities for GHG, consistent with agency and MPO needs and staff support.
- Coordinate technical efforts for integration of GHG into the Oregon modeling program.

***FY2011-2012 Focus:***

- On behalf of the Oregon Modeling Steering Committee (OMSC), review, comment on and make recommendations on materials as requested.

- Coordinate development of work programs for integration of GHG and LCP into Oregon models.
- Define requirements and advocate for analysis tools for GHG modeling.



**FY2011-2012 Organization Chart for the Oregon Modeling Steering Committee**