



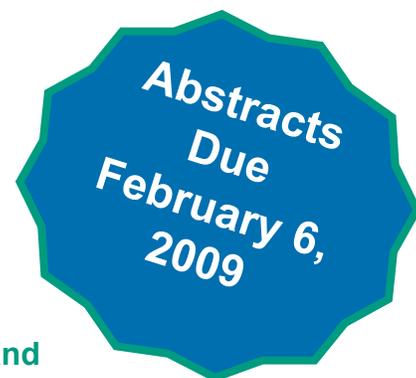
Data and Tools for Understanding the Goods Movement–Air Quality Connection

June 2–3, 2009

Arnold and Mabel Beckman Center
of the National Academies
Irvine, California

Organized by
Transportation Research Board

Supported by
California Department of Transportation and
the California Air Resources Board



www.TRB.org/conferences/2009/AirQuality

The Transportation Research Board is organizing a workshop to develop a dialogue among researchers, government officials, and private industry representatives on data sources and tools that can help in understanding the relationships between freight transportation, infrastructure, the economy, and air quality. Planners, modelers, and policy makers interested in available freight data and modeling tools, developing improved data sources and tools, and learning from past experiences should participate in this workshop. Although the focus is on the issues facing California, the issues and approaches to be discussed are, or soon will be, applicable throughout the country. The planning team seeks proposals for presentations describing past projects or ongoing projects and research related to the following issues:

- **Methods for modeling interactions**, including technical details of freight–air quality modeling approaches, changes necessary to capture trade-offs or to accommodate limited data availability and quality, and capabilities to identify transportation infrastructure needs. Of particular interest are new methodologies and those adapted from other applications.
- **Data availability and sources**, including public, private, and proprietary sources. Among the issues to be addressed are barriers to access; contracts; relationships; negotiations required to obtain data; unexpected challenges; and data quality, cleaning, and validation.
- **Data development and integration**, including integration of data across multiple modes and sources, as well as disaggregation of data sources. Among the issues to be addressed are data comprehensiveness, creative solutions, future requirements and goals, and consequences of limits on data quality.
- **Case studies** describing particularly successful projects that collected, used, developed, or applied data and tools to model, analyze, and support decisions about relationships among freight transportation, infrastructure, the economy, and air quality.

Workshop Planning Team

Anne Goodchild, Assistant Professor, University of Washington,
Chair
Matthew J. Barth, Director, Center for Environmental Research
and Technology, University of California, Riverside
Diana J. Bauer, Sustainability Team Lead, U.S. Environmental
Protection Agency
Christina Casgar, Goods Movement Policy Manager, SANDAG
James Corbett, Associate Professor, University of Delaware
Scott Drumm, Manager, Research & Market Information, Port of
Portland
Michael J. Fischer, Principal, Cambridge Systematics, Inc.
Virginia Hessenauer, Director, Environmental Affairs, American
President Lines
Doug MacIvor, Chief, Microsimulation/Freight Modeling Branch,
CalTrans
Jonathan Nadler, Program Manager, Air Quality and Conformity
Planning and Policy, SCAG
Dean Saito, Fleet Rule Manager, South Coast Air Quality
Management District

Todd Sax, Manager, Mobile Source Strategies, California Air
Resources Board
Matthew Malchow, California Air Resources Board
Joseph L. Schofer, Professor, Northwestern University
Michael Sprung, Freight Transportation Specialist, Federal
Highway Administration
Mike Tunnell, Director, Environmental Research, American
Transportation Research Institute
Katherine F. Turnbull, Associate Director, Texas Transportation
Institute

TRB Staff
Christy Gerencher
Elaine King
Thomas Palmerlee
Matthew Miller

Submitting an Abstract

If you have experience in any of these topics and would like to submit an abstract, please use the website below to submit by **February 6, 2009**. The proposed presentation should pertain to one of the conference's focus areas, should convey the presentation material clearly, and should not exceed 300 words. The planning team will assemble a combination of presentation formats, including 30-in. x 40-in. posters, to stimulate dialogue among participants. Abstracts must be submitted electronically.

www.TRB.org/conferences/2009/AirQuality/Abstracts

Submitters will be notified in early April whether their abstract has been accepted for presentation. Presenters will be required to submit a three- to five-page written summary of their presentation or poster before the conference and are expected to register and attend the conference.

Registration Information

	Early Bird: Expires April 3, 2009	Advance: Expires May 5, 2009	Regular: After May 5, 2009
General	\$225	\$275	\$325
Speaker & Sponsor	\$175	\$225	\$275
Student	\$125	\$175	\$225

www.TRB.org/conferences/2009/AirQuality

Hotel Information

Hyatt Regency Newport Beach
1107 Jamboree Road
Newport Beach, CA 92660
Phone: 949-729-1234

Special TRB Rate: \$128.00 per night
<http://newportbeach.hyatt.com/groupbooking/newpogodi2009>

Contacts

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Sessions will be held at the Beckman Center. Owned and operated by the National Academies, the award-winning Beckman Conference Center is a first-class facility sited on seven acres bordering the cities of Irvine and Newport Beach. The retreat-like atmosphere of this 48,000-square-foot facility is highly conducive to learning and productivity. The center is equipped with state-of-the-art audiovisual equipment. Parking is free and the lot can accommodate up to 176 cars. Shuttle service will be provided from the conference hotel.

Beckman Center
100 Academy
Irvine, CA 92617
949-721-2200
<http://www7.nationalacademies.org/beckman/index.html>

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