



## **Meeting Announcement and Call for Papers**

### **NARSTO Workshop on Innovative Methods For Emission-Inventory Development and Evaluation**

University of Texas, Austin; October 14-17, 2003

Emission inventories are the foundation for air quality management activities and are essential for development of cost-effective emission control strategies. However, the quality of emission inventories often limits their effectiveness and utilization since the time and energy/cost required to develop emission inventories generally exceeds the resources available. The focus of this Workshop is to identify and prioritize new and innovative tools, techniques, and methods to prepare or evaluate emission inventories with improved quality, cost, and timeliness.

The Workshop will focus on new and innovative methodologies related to the development of emission inventories and emission factors, the evaluation and assessment of the adequacy and quality of emission inventories, the application of emission inventories in air quality management activities, and the development of real time emissions inventories for field studies and air quality forecasting. Although most emission-inventory methodologies are applicable to characterization of any species, the emphasis of the Workshop will be on criteria air pollutants and their precursors. Priority will be placed on current controversial issues, including but not limited to, emissions of multicomponent volatile organic compounds, ammonia, and primary organic particulate matter as well as transient and fugitive releases. In keeping with the NARSTO charter, emission inventory issues related to the United States, Canada, and Mexico will be addressed. Methodologies that can revolutionize current approaches for point, area, mobile, and biogenic sources in the 3-5 year as well as the 10-20 year timeframe are of interest.

Abstracts are solicited on new and innovative methodologies in the following topic areas along with any other methodology that can advance emission-inventory development, evaluation, or application:

#### Measurement Methods

- Innovative Source and Flux Measurements
- New Developments in Continuous Emission Monitoring
- Emission-Relevant Ambient Air Monitoring and Remote Sensing
- Aircraft Measurements (in situ and Remote Sensing)
- Satellite Remote Sensing
- Tunnel Studies
- Tracer Studies

#### Analysis and Application Methods

- Real-time Inventories for Field Studies and Forecasting
- Field-Study Design for Acquisition of Emission-Related Information
- Emission and Air Quality Modeling
- Inverse Modeling
- Receptor Modeling
- Data Base Management, Documentation, and Auditing
- Uncertainty Assessment

Following an overview and background session, the Workshop will be organized in breakout sessions. Breakout sessions will consist of presentations on new and innovative techniques related to a topic area followed by discussion of the participants to identify and prioritize techniques which can make an impact in the emission inventory community and are strong candidates for additional research and development funding. The product of the Workshop will be a synthesis paper with findings and recommendations.

If you would like to make a presentation on one of the session topics or desire to attend the Workshop, please contact David Mobley of the US Environmental Protection Agency at [mobley.david@epa.gov](mailto:mobley.david@epa.gov). Abstracts to be considered for presentation should be submitted by 04/15/03 via email and should be ~250 words. Please indicate which of the above topic areas is most applicable. Presentations in Powerpoint format will be expected prior to the Workshop. A formal paper will not be required. The Workshop will be held at the University of Texas Pickle Research Center. A registration fee of \$50 will be required to cover expenses. The host hotel will be the AmeriSuites in Austin, TX (512-231-9437). A Workshop rate of \$80/night is available for attendees. There will be a shuttle between the hotel and the meeting site. To facilitate travel arrangements, the Workshop will span the period from noon on Tuesday until noon on Friday.

NARSTO is a public/private partnership, whose membership spans government, the utilities, industry, and academia throughout Mexico, the United States, and Canada. Its primary mission is to coordinate and enhance policy-relevant scientific research and assessment of tropospheric pollution behavior; its activities provide input for science-based decision-making and determination of workable, efficient, and effective strategies for local and regional air-pollution management. NARSTO was formerly an acronym for "North American Research Strategy for Tropospheric Ozone." However, the term NARSTO has become simply a wordmark signifying this tri-national, public-private partnership for dealing with multiple features of tropospheric pollution, including ozone and suspended particulate matter. More information on NARSTO and the Workshop can be found at <<http://www.cgenv.com/Narsto>>.

The Workshop is co-sponsored by the Commission for Environmental Cooperation (CEC) of North America. The CEC is an international organization created by Canada, Mexico and the United States under the [North American Agreement on Environmental Cooperation](#) (NAAEC). The CEC was established to address regional environmental concerns, help prevent potential trade and environmental conflicts, and to promote the effective enforcement of environmental law. The Agreement complements the environmental provisions of the North American Free Trade Agreement (NAFTA). More information on the CEC can be found at <<http://www.cec.org>>.