

**NATIONAL TRAINING WORKSHOP ON LOCAL URBAN AIR TOXICS ASSESSMENT AND  
REDUCTION STRATEGIES**

**Tuesday, November 13 - Thursday, November 15, 2001**

**OPENING**

**Tuesday, 11/13/01**

**8:00 to 8:30 am      Registration**

**8:30 to 8:50 am      Welcome and Agenda Review**

*Sara Lile*      City of Detroit, Director of the Detroit Department of Environmental  
Affairs  
*TBD*      EPA

**8:50 to 10:30 am      Leadership Panel on Air Toxics in Urban/Local Areas**

Panel      Federal, State, Local, Tribal, academic and public health leaders  
Members:

Purpose:      Speakers will provide a range of realistic perspectives on the current  
situation in air toxics, upcoming issues, and priorities. The panel will  
comment on what they see as helpful to communities in developing  
effective assessment and reduction strategies.

Panel members will also answer questions and discuss participant  
expectations for the workshop.

**10:30 to 10:45 am      Break**

**SESSION 1: DETROIT AND CAPACITY BUILDING**

This session of the workshop will focus on two areas: 1) the Detroit Asthma Research and Intervention Project, and; 2) building the capacity of communities and institutions to understand and address local air toxics concerns. Discussions and presentations of the work in Detroit will help to illustrate what's involved in building capacity.

**10:45 - 2:15 pm**      **Special Session: The Detroit Asthma Research and Intervention Project**

*Session Lead: Edith Parker and Wilma Brakefield-Caldwell, CAAA*

This special workshop section will provide a chance to meet with the organizers of the innovative Detroit Asthma Research and Intervention Project. Site visits, presentations on the history and results of the Detroit project, and an opportunity to hear from project participants and leaders are scheduled. Transportation and a working lunch will be included. The session will provide the opportunity to learn about and discuss the asthma research and intervention project and the experiences of the Detroit project in building the capacity of their community and institutions to address air quality issues.

**2:15 - 2:45 pm**      **Break (return to conference center)**

**2:45 - 3:45 pm**      **Panel Discussion: Building Community and Institutional Capacity to Address Air Toxics Issues at the Local Level**

*Panel Lead: TBD*

Improving the capacity of our communities and institutions to understand and address local air quality issues will be critical to improving air quality. To kick off this session on building capacity, five speakers representing two model projects will discuss their experiences with building the capacity of their communities and institutions. Community, academic, and governmental perspectives will be presented.

**3:45 - 4:00 pm**      **Break**

**4:00 - 5:00 pm**      **Facilitated Small Group Discussions: Building Community and Institutional Capacity to Address Air Toxics Issues at the Local Level**

Workshop participants will break into small discussion groups to comment on the previous panel presentations and share experiences in capacity-building. The discussions will identify best practices, lessons learned, and common needs in both community and institutional capacity building. Discussions will be summarized for all workshop participants.

Wednesday, 11/14/01

## SESSION 2: UNDERSTANDING LOCAL AIR TOXICS

This session will summarize current efforts to learn more about the toxics in local air and will discuss available tools and methods.

### **8:30 to 8:35 am**      **Introductory Presentation To Provide Context and Agenda**

This presentation will give an overview of the agenda and put into perspective the various tools, information and skills available to increase our understanding of air toxics on a local level.

### **8:35 to 9:30 am**      **Panel Discussion: Identifying And Getting Information On The Sources Of Emissions**

*Panel Lead: Laurel Driver, USEPA Office of Air Quality Planning and Standards*  
To analyze, and to make conclusions about, air toxics in a local area, it is important to obtain accurate information on air toxics emissions. This panel will bring together speakers with experience in identifying, developing and using emissions inventories. The speakers will cover the different sources of information: i.e., national databases (National Toxics Inventory and the Toxics Release Inventory); State information and databases (permits and reported data); and community level inventory development (neighborhood surveys, etc.). A case study of inventory development and application will be presented along with a discussion of the uses and limitations of data sources and data collection methods.

### **9:30 to 9:45 am**      **Break**

### **9:45 to 10:45 am**      **Panel Discussion: Measuring and Estimating What's In The Air**

*Panel Lead: Greg Thomas, County of Denver*  
The two primary ways of understanding air toxics levels in a local area are by either measuring levels of toxics through monitoring or estimating levels through modeling. This panel will present some of the different monitoring and modeling tools and their limitations and resource requirements. A case study will demonstrate how to use modeling and monitoring in real world situations.

### **10:45 -11:00**      **Break**

**11:00 to 12:00 pm**    **Facilitated Small Group Discussions: Identifying Sources and Measuring/Estimating Levels**

Small groups will discuss follow-up questions from the two previous panels and will share information on identifying sources and measuring or estimating levels of toxics in local air. Breakout summaries will be prepared for sharing with other workshop participants.

**12:00 to 1:00 pm**    **Lunch**

**1:00 to 2:00 pm**    **Panel Discussion: Interpreting and Understanding Measured And Modeled Data**

*Panel Lead: TBD*

"Measuring toxics levels in the air is not enough to identify hazards, to characterize the public health threats, and to develop strategies for risk reduction. This panel will feature speakers with experience in interpreting both measured and estimated levels of toxics. Presentation topics will include an introduction to analysis tools, risk assessment/ characterization, and framework for public health evaluation. A case study will be utilized to demonstrate the use of analysis tools in a local context."

**2:00 to 2:15 pm**    **Break**

**2:15 to 3:30 pm**    **Panel Discussion: Understanding Mobile Source Contributions to Ambient Hot Spots**

*Panel Lead: TBD*

Mobile source emissions are an important contributor to air toxics levels. This panel will discuss the different tools used in understanding air toxics from mobile sources (inventory development, monitoring and modeling) and their uses and limitations.

**3:30 to 3:45 pm**    **Break**

**3:45 to 4:45 pm**    **Facilitated Small Group Discussions: Interpreting and Understanding Measured and Modeled Data and Understanding Mobile Source Contributions**

Small groups will discuss follow-up questions to the two afternoon panels and will share experiences in interpreting data and understanding mobile source contributions. Breakout summaries will be prepared for workshop participants.

**4:45 to 5:00 pm**    **Break**

**5:00 to 6:30 pm**      **Poster Sessions and Networking**

This poster session will provide an opportunity for speakers and conference participants to share their work, showcase their organization, and network with other participants.

**Thursday, 11/15/01**

**SESSION THREE: IMPROVING AIR QUALITY, REDUCING AIR TOXICS**

**8:30 to 9:45 am**      **Panel Discussion: Understanding and Improving Indoor Air**

*Panel Lead: TBD*

Understanding both indoor emissions and exposures to toxics, is important in improving indoor air quality. This panel will include a case study illustrating how indoor air issues are being understood and addressed.

**9:45 to 10:00 am**      **Break**

**10:00 to 11:00 am**      **Panel Discussion: Reducing Mobile Exposures and Emissions**

*Panel Lead: TBD*

Speakers from different aspects of a mobile source toxic improvement effort will provide their perspective on the uses and limitations of the tools available.

**11:00 to 11:15 am**      **Break**

**11:15 to 12:15**      **Panel Discussion: Reducing Exposures and Emissions from Stationary Sources**

*Panel Lead: Peter Murchie, USEPA Office of Air Quality Planning and Standards*

A panel of speakers will discuss the tools available to reduce emissions and exposures from stationary sources. The panel will include the perspectives of Federal, State, Local, Tribal government and community representatives.

**12:15 to 1:15 pm**      **Lunch**

**1:15 to 2:15 pm**      **Facilitated Small Group Discussions: Improving Indoor Air and Reducing Toxics from Stationary and Mobile Sources**

Follow-up questions from three previous panels and sharing of experiences in efforts to reduce toxics in indoor and outdoor air. Breakout discussions will be summarized for workshop participants.

**2:15 to 2:30 pm**      **Break**

## CLOSING

**2:30 to 4:00 pm**      **Leadership Panel Summarizes the Workshop and Discusses Next Steps**

Panel members from the opening session will summarize the workshop and offer views on capacity building and the future of addressing air toxics at the local level. Following panel presentations, all participants will be invited to help summarize the workshop and identify next steps.

**4:00 pm**              **Adjourn**