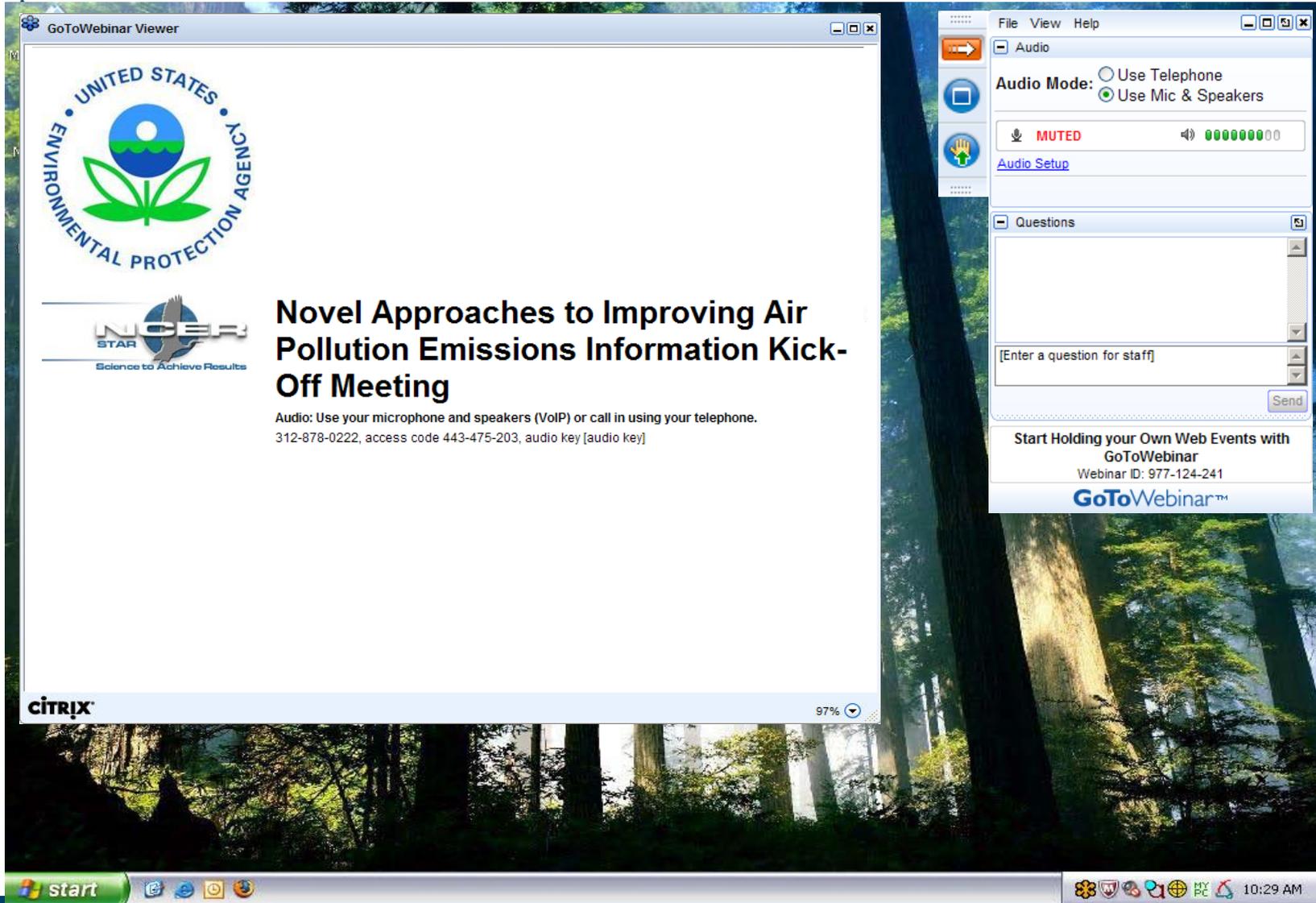


US EPA ARCHIVE DOCUMENT

Novel Approaches to Improving Air Pollution Emissions Inventory Information Kick-Off Meeting

November 16, 2010





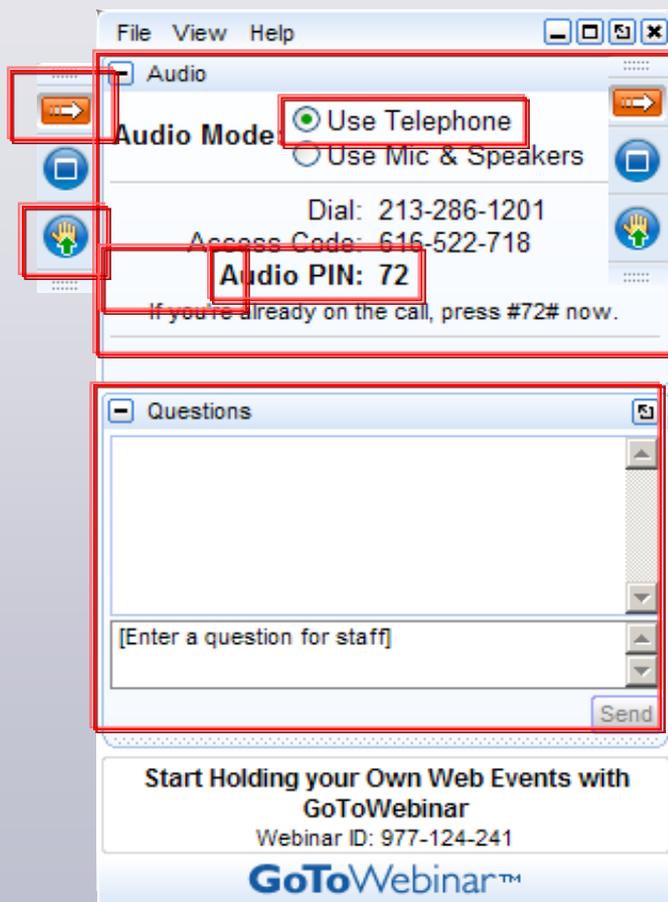
The screenshot displays a GoToWebinar attendee interface. The main window, titled "GoToWebinar Viewer", shows a presentation slide with the EPA logo and the NCEER STAR logo. The slide title is "Novel Approaches to Improving Air Pollution Emissions Information Kick-Off Meeting". Below the title, it provides audio instructions: "Audio: Use your microphone and speakers (VoIP) or call in using your telephone. 312-878-0222, access code 443-475-203, audio key [audio key]". The slide also features a Citrix logo in the bottom left and a 97% battery indicator in the bottom right.

On the right side, there is a control panel with the following sections:

- Audio:** Includes "Audio Mode" with radio buttons for "Use Telephone" and "Use Mic & Speakers" (selected). Below this is a "MUTED" status indicator and a volume level bar.
- Questions:** A text input field with the placeholder "[Enter a question for staff]" and a "Send" button.
- Footer:** A promotional message: "Start Holding your Own Web Events with GoToWebinar" and "Webinar ID: 977-124-241", followed by the GoToWebinar logo.

The Windows taskbar at the bottom shows the "start" button, several application icons, and the system tray with the time "10:29 AM".

How to Participate Today



- Open and close your Panel
- View, Select, and Test your audio
- Submit text questions
- Raise your hand

- Q&A addressed at the end of each talk
- Everyone will receive an email within 24 hours with a link to join next Wednesday's Webinar

For technical support, go to <http://support.gotomeeting.com>

Novel Approaches to Improving Air Pollution Emissions Inventory Information Kick-Off Meeting

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Dan Costa, ORD National Program Director - Air

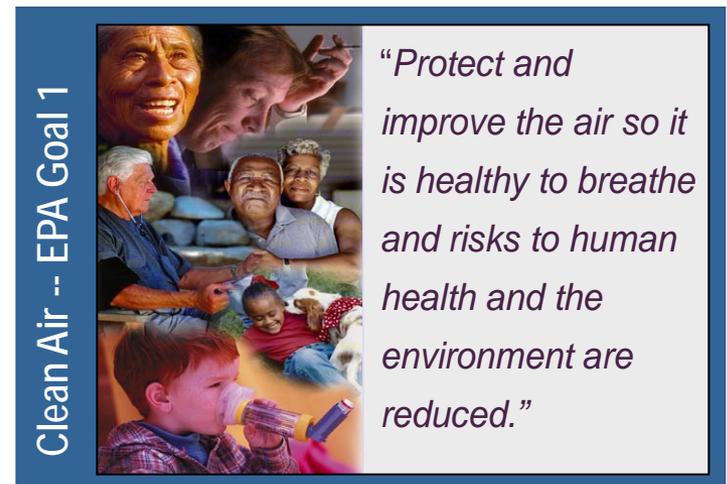


ORD Research Provides the Foundation for EPA's Decision-Making

PM research has significant regulatory benefits & impacts.

- PM NAAQS protect public health
 - OMB: account for ~80% of all benefits attributable to regulation
 - OMB: \$120 to \$183 billion annual savings for years 1992-2002
(emergency room visits / hospitalizations, lost workdays, premature deaths)

- ORD science reduces uncertainty and strengthens confidence in the NAAQS
- ORD science provides the models and tools needed to implement the NAAQS



EPA PM Research Program



Epidemiology



Molecular

**Clinical and Animal
Toxicology Studies**

Intramural Program



**EPA STAR Program
(PM Centers)**

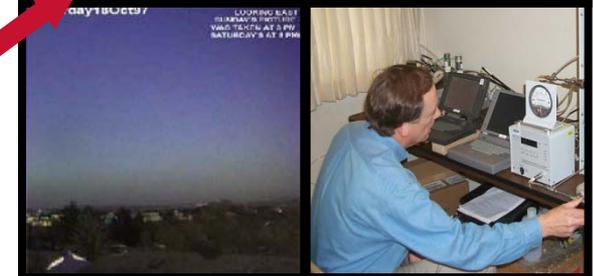
EPA Partners:

- *Other Federal Agencies*
- *Health Effects Institute*
- *National Research Council*
- *Academia*
- *Industry laboratories*

**Emission Source
Characterization**



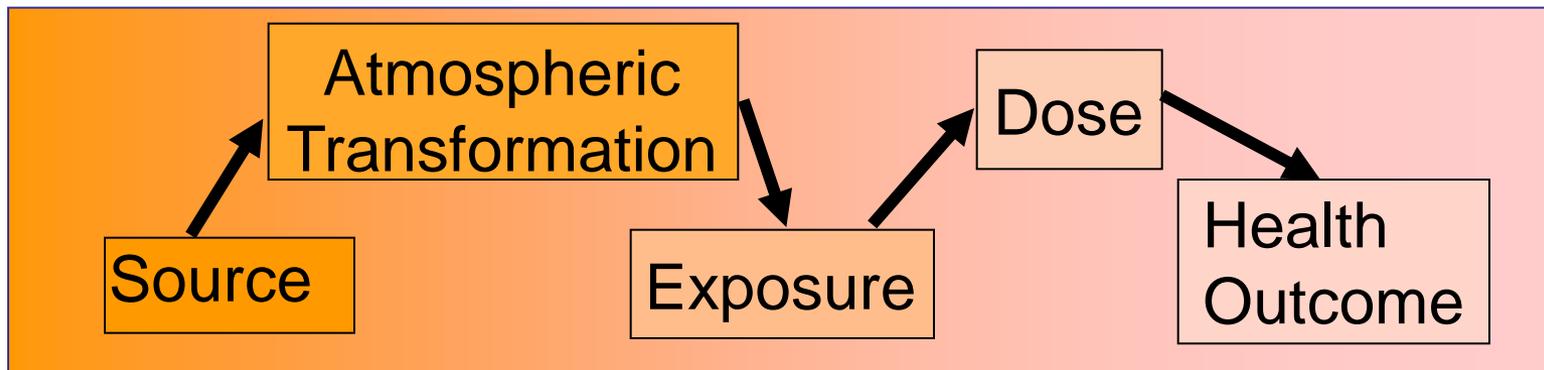
**Exposure, Atmospheric
Measurement and Models**



**Supersites and EPA
Monitoring Network**

Sources to Health Outcomes

Recognizes health outcomes to air pollution are linked to sources via interconnections of biological, chemical, and physical sciences.



- Improved understanding of entire problem and interrelationships
- Development of efficient & effective regulation / control strategies



Focusing on Pollution Sources: Emissions Inventories

- Transportation
 - Vehicle emissions, roadway traffic, ship emissions, emissions of low volatility species and how measurements compare across laboratory
- Animal Operations and Ammonia
 - Process based models, measurements, and inverse modeling
- Technique Development
 - Inventories from large datasets and tower measurements
- Coarse PM