

Announcements

Managing Hazardous Air Pollutants, Second International Conference, July 13-15, 1993, The Capital Hilton, Washington, DC, USA

Aims and Scope

Worldwide focus on clean air issues has intensified tremendously in recent years. Concern over hazardous air pollutants has raised questions about the health and environmental impact of industrial activity, including electric power production, and has motivated nations to develop strategies for managing these substances.

In the United States, the Clean Air Act Amendments of 1990 listed 189 pollutant categories for possible control. This legislation, along with economic, environmental, and political attention worldwide, had led to an upsurge in research aimed at developing understanding about the sources, impacts, and control of hazardous air emissions.

This conference will highlight the state of the art in the management of airborne trace pollutants, focusing on key issues of common interest to utilities, industry, and government. It will cover the following topics:

- What are the sources of pollutants? In particular, what do electric utilities emit?
- Can we accurately measure emissions?
- What health and environmental risks may these substances pose?
- What are the existing and emerging technologies for controlling emissions?

The conference will provide an opportunity for discussion and information exchange among representatives of electric utilities, industry, government agencies, equipment suppliers, consulting firms, and research and academic institutions. The first conference drew people representing 13 nations and succeeded in establishing an ongoing forum for exchange of ideas and technical information.

Who should attend

- Utility managers, engineers, and plant operators
- Environmental scientists, managers, and engineers
- Equipment suppliers
- Consulting engineers and architect/engineers

- Government agency managers and staff

Call for papers

Deadline: October 1, 1992

Abstracts should convey in 150 words maximum the essence of the intended paper, indicating clearly the contribution it will make to the subject. Mail abstracts to: Winston Chow, Conference Chairman, EPRI, 3412 Hillview Avenue, Palo Alto, CA 94304, Fax (415)855-2041; or Lori Lehmann, Conference Program Coordinator, Decision Focus, Inc., 650 Castro Street, Suite 300, Mountain View, CA 94041-2055.

Selected papers

Notification: December 1, 1992

Paper due: April 1, 1993

Presenters of selected papers will be notified of acceptance by December 1, 1992. Unless otherwise indicated, the first author listed on the abstract will be presumed to be the presenter. Presentations are limited to 20–30 minutes, followed by a short question-and-answer period. Plan to use only 35-mm slides or viewgraphs (projector, overhead projector, and audiovisual technician will be provided). Speakers must provide a master of their paper by April 1, 1993, so that preprints can be prepared. The length should not exceed 15 pages, including illustrations. Certain papers may be selected for the poster session on Tuesday evening, July 13, 1993, in conjunction with an EPRI-hosted reception with exhibits.

Conference topics

General

- Keynote Address
 - Regulatory Update, United States
 - Legislation/Regulatory Trends, International
- Emissions Sources, Measurements, and Quantities*

- Data Sources
- Field Measurements
- Stream Compositions
- Chemical Sampling and Analytical Methods
- Data Quality and Accuracy of representation

Atmospheric Fate

- Emission Inventories
- Ambient and Deposition Characterization
- Chemical Transformation

- **Simulation Techniques**

Health and Environmental Information

- **Health Effects Studies, Results, and Interpretation**
- **Ecological Effects Studies, Results, and Interpretation**
- **System characterization Models**

Risk Analysis

- **Exposure Assessment**
- **Multimedia Pathways**
- **Dose–Response Formulations**
- **Uncertainty Analysis**
- **Risk Analysis Models**

Control Strategies and Applicable Technologies

- **Strategies for Reducing Pollutant Load**
- **Available Environmental Control Technologies: Their Capabilities, Limitations, and Applications**

Emerging Information, Technologies, and Tools

- **Innovative Process Technologies**
- **New/Improved Modeling Developments**
- **Novel Approaches for Managing Hazardous Air Pollutants**
- **Other Innovative Research, Ideas, and R&D Needs**