



# **The Intercontinental Transport of Air Pollutants & the U.S. EPA**

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# **Evolution of the Science & Policy of Air Quality Management**

**In the United States,**

# **Evolution of the Science & Policy of Air Quality Management**

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**Local and Acute Problems**

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**Regional and Long-Term Problems**

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Internationally,

Acid Rain → Multi-Pollutant

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Acid Rain → Multi-Pollutant

Europe & US/Canada → Hemispheric

# **Evolution of the Science & Policy of Air Quality Management**

## **LRTAP Convention: Next Steps**

- **Fine Particles**
- **Transport Into and Across the  
Arctic and North Atlantic**

# The Importance of the International Transport of Air Pollutants

For EPA to achieve it's own strategic goals and objectives, we need to:

- develop a better understanding of the impact of other countries on the US
- develop a better understanding of the impact of the US on other countries
- help reduce all pollution sources through cost-effective appropriate technology

# **U.S. EPA Activities**

- **International Transport of Air Pollutants (ITAP) Working Group**
- **Conference on Trans-Pacific Transport of Atmospheric Contaminants**
- **Global Change Research Program  
STAR Grants**
- **OAQPS Global-Regional Air Quality Modeling Initiative**