

NARSTO

Emission Inventory Workshop



Innovative Methods for Emission Inventory Development and Evaluation

October 14 – 17, 2003

**Pickle Research Center
University of Texas
Austin, TX**



NARSTO Emission Inventory Workshop



Purpose

Identify and prioritize new and innovative tools, techniques, and methods to prepare or evaluate emission inventories with improved quality, cost, and timeliness.



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Schedule

Tuesday

Introduction

Wednesday

Measurement Methods

- Source and Flux Measurement
- Mobile and Tunnel Studies
- Ground, Aircraft and Satellite Observations

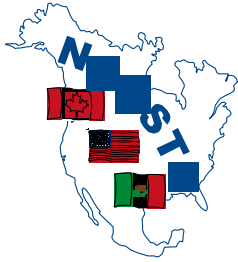
Thursday

Analysis and Application Methods

- Air Quality and Receptor Modeling
- Emission Modeling
- Evaluation, Uncertainty Assessment and Data Management

Friday

Report Out and Closing Remarks



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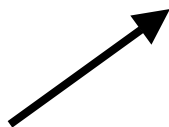


What's next??

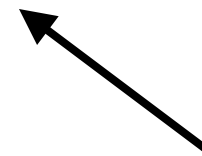
**Emission Inventory Workshop
(Synthesis Paper)**



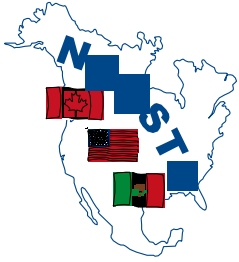
***Emissions Inventory
Assessment***



Ozone Assessment



PM Assessment



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Breakout Session - Information

- Everyone was assigned to their #1 choice
- Please attend your assigned session to support discussion and develop recommendations



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Breakout Session - Instructions

- Identify and recommend areas which can make an impact
- Identify strong candidates for additional research and development funding
- Build on NARSTO Ozone and PM recommendations



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Breakout Session - Example Recommendations

Good - Generalize

- Utilize satellites to characterize fire emissions (high priority for short term and medium level \$\$ funding)

Not as good – Too Specific

- Develop xyz widget by ABC Enterprise

Use these funding categories

- \$ - << \$1 million
- \$\$ - ~ \$1 million
- \$\$\$ - >> \$1 million



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Summary

- Tremendous knowledge and wisdom assembled
- Collaborate and synergize with your colleagues
- Think outside the box
- Opportunity to **MAKE A DIFFERENCE**