

**National Fire Emissions
Technical Workshop
May 4-6, 2004
Hyatt Regency New Orleans**

National Fire Emissions Technical Workshop

**Track 1
Fire Activity Tracking
Track 2
Emissions and Fuel Consumption
Model Issues**

International Activity / Emissions

Tom Pace, EPA
Pete Lahm, WRAP/USFS
Sam Sandberg, Research

National Fire Emissions Technical Workshop

**Identify common ground and consistent methods
Unique regional/state/tribal/local conditions
Methods to project future fire emissions
Assess technical approaches and needs
Publish workshop findings and develop strategy**

Tom Pace, EPA
Pete Lahm, WRAP/USFS
Sam Sandberg, Research

Take Home Messages --- Obstacles to Data Quality

- Activity tracking does not enable emissions modeling
- Big gaps in Agricultural burn activity data
- Emissions Speciation
- Plume Rise being gradually improved
- Long-term projections lack conceptual and technical consensus

Take Home Messages --- Closure Near at hand

- Fuel characterization maps/systems available soon
- Two major efforts integrating emission and grid models
- Increasing resolution of Emission Factors
- More activity tracking in Canada and Mexico than we thought
- Emission modeling technology ahead of it's utilization
- Improved federal agency fire activity reporting/archiving
- Engagement of FCAMMS, FAICG, 2002 Inventory, EPA's experience in integrating data sets --- optimistic about being able to access fire data
- A host of smaller issues settled
- Personal networking Stakeholders/RPOs'/Developers

A Big Step in a Continuing Dialog

FACA Committee
National Strategic Plan
National RH Guidance Committee
WRAP – FEJF
EPA—Fire Research Conference Calls

Workshop Steering Committee
NATIONAL FIRE EMISSIONS WORKSHOP

Immediate Workshop Feedback
Formal Synthesis Report in September
“Remaining Issues” Conference Calls

Tom Pace, EPA
Pete Lahm, WRAP/USFS
Sam Sandberg, Research

Remaining Issues --- Conference Calls

- Data elements **and Data Sources**
 - Cross-Boundary emission migration
 - Emission modeling tools (First call already happened)
 - Short term remote sensing opportunities (moving quickly)
 - Role in QA/QC of 2002 data
 - Short term contract will be sought (Dollars???)
 - Meeting with EPA, USFS, NASA, NOAA
 - Monitoring—Source Apportionment—Modeling
 - Plume rise
 - **Scoping Issue – what level of analysis is appropriate to the importance of fire in each RPO**
 - **Boil down tools for RPO's**
- Need participants and leaders for these efforts...

Plans

- Posting of 85 Presentations from the workshop on the WRAP website 2 weeks after the meeting
- Posting of Notes on follow-up topics planned
- Summary Report draft in August
- Final report by end of October-will include follow-up work...
- Next steps-maintaining the Inter-RPO momentum???