



**Developing a Technical Protocol to prepare 2008-09-10 Fire Emissions Inventories
for Regional Air Quality Analysis and Planning - Meeting Agenda
August 31 - September 1, 2010**

Meeting & Lodging Information:

Hotel 43
981 Grove Street
Boise, ID 83702
Phone: (208) 342-4622

Teleconference Information:

Phone: 1-866-206-0240
Access Code: 839702
Contact during Meeting:
Tom Moore (cell 970-988-4055)

Meeting Objectives:

- 1) *Identify, discuss, and understand applications of 2008-09-10 fire emissions inventories that will result from the protocol to be developed*
- 2) *Review technical topics integral to the protocol*
- 3) *Gather all input and information related to topics of discussion*
- 4) *Discuss applying step-by-step technical methods through FETS*

Tuesday August 31st

- 1:00 PM Welcome to Boise – Mark Fitch
Introductions and Agenda Review - Tom Moore
- 1:10 WRAP Status and Background on Fire EI Protocol – Tom
- 1:30 Applying Fire EIs in Chemical Transport Models – Zac Adelman
- 2:00 Technical and Method-implementation concepts
to consider as we work through the technical topics – Dave Randall
- 2:30 Technical Topics for Fire EI Protocol - Dave Randall and Matt Mavko
- **Fire Activity Data** (up to 120 minutes, topics continue after break)
 - **Lack of full coverage** (*by geographic area; by fire type*)
- 3:15 Break
- 3:30 Technical Topics for Fire EI Protocol, continued
- **Fire Activity Data**
 - **Daily resolution of acres burned over life of large fire events** (*including daily movement of fire location*)
 - start on **Fire Science** (topics listed on morning of 9/1)
- 5:00ish Adjourn for the day

Wednesday September 1st

8:00 AM Agenda Review - all

8:10 Technical Topics for Fire EI Protocol, continued

- **Fire Science** (up to 100 minutes)
 - **Loading and consumption**
 - **Emissions speciation** (*align pollutants output by FETS with input requirements for regional model*)
 - **Plume height** (*WRAP – empirical plume height parameter assignments; USFS (Scott Goodrick) – dynamic algorithm; NASA – post fire plume height verification*)

9:50 Break

10:00 Technical Topics for Fire EI Protocol, continued (~30 minutes each)

- **Emissions Reduction Techniques?**
- **Fuel moisture improvement**
- **Conversion to geospatial database**

11:30 Re-cap on technical discussion and recommendations for the Protocol + next steps

12:00 Lunch (on your own)

1:00 PM Re-convene to complete re-cap discussions as needed

2:00 Adjourn and homeward bound