



Inter-RPO Emissions Projects Update

Emissions Forum Meeting

February 7, 2006

2005 RPO Emissions Issues Coordination

◆ Emissions Projects

- 2002 National Wildfire EI + lessons learned
- Inter-RPO Emissions Data Warehouse
- GEOS-Chem modeling for CMAQ boundary conditions
- ConCEPT (new emissions processing model)
- Ammonia emissions model (in ConCEPT)

2002 National Wildfire EI – Air Sciences managed by FEJF

◆ Emissions data complete, see:
<http://www.wrapair.org/forums/fejf/tasks/FEJFtask7InterRPO.html>

◆ Added additional tasks

- 1 - Application and assessment of Fuel Characteristic Classification System (FCCS) fuel loading data for the WRAP region.
 - ◆ FCCS implemented via GIS techniques
 - ◆ Still running statistics on *new* results to quantify and report difference(s)
- 2 - Added value analyses and documentation.
 - completing along with final documentation
- 3 - Documentation (draft document - couple week review for FEJF - then final documentation).

◆ Draft Final Report and tasks completed at
March 7-8 FEJF meeting in Albuquerque

2002 Inter-RPO National Wildfire EI Status Report

◆ Here is the brief list of the remaining deliverables/schedule for the Inter-RPO Project.

Plan is to have all work complete, draft document posted, and final WRAP up presentation at the March 7-8 meeting.

Regional Haze Planning Efforts

- ◆ **Inter-RPO Emissions Data Warehouse** – Tom following for WRAP
 - ERG completed design late 2005 under MARAMA's supervision - awarded year one operations
 - Bare bones project, EDMS to feed WRAP region data
 - Really for other RPOs - stores emissions files & some inputs
- ◆ **GEOS-Chem modeling for CMAQ boundary conditions** – completed under VISTAS contract
 - 2002 conditions at edges of RPO modeling domain – 3 scenarios:
 - ◆ All emissions
 - ◆ No U.S. emissions; and
 - ◆ No anthropogenic emissions
 - No 2018 emissions were estimated
 - Used by RMC - coordinated by Modeling Forum

RPO Emissions Model Development

- ◆ **ConCEPT – Patrick Barickman, UT DEQ**
- ◆ **Ammonia model – Sally Otterson WA DoE**
 - **Models to link with each other**
 - **No improved activity data for WRAP region**
 - **2005-06 work for EF?**