

Panels

- 3 panels
- Topics
 - Technical PGM in general
 - Emissions now and future, sharing data
 - Applying PGMs for planning and controls, sharing data
- Charge questions to selected presenters

Photochemical Modeling Tools for Western Air Quality (Panel 1) & Charge Questions

- Topics
 - Met modeling in the West using WRF
 - Ozone Scoping Plan and Conceptual Models
 - Warm Ozone Modeling
 - Ozone and PM_{2.5} air quality model performance in the West
 - Oil & Gas emissions' contributions
 - Ozone modeling for Class I areas
 - Cool Season Modeling
 - Chemical mechanisms and atmospheric processes
 - Ozone and PM_{2.5} – met and air quality modeling
 - Modeling of reduced N in the West
- Questions to Lance, Gail, Dennis, Kelly
 - Describe your highest PGM application priority need
 - How do you see collaboration and data sharing to work toward solving these air quality problems?

Emissions Panel (Panel 2) & Charge Questions

- Topics:
 - Characterization of key sectors for urban air quality assessments: onroad, nonroad, residential wood combustion
 - Oil & gas related emissions
 - Fire emissions
 - Projection methodologies
 - Data sharing: State/Local/Tribes <-> US EPA
- Emissions Panel 2 – Dave, Tom, Rich, Mike B.
 - What are the barriers to high-quality EIs in the West?
 - How do you see collaboration and data sharing to work toward addressing these air quality problems?

Panel 3 Topics - Applying Tools and Methods for Air Quality Evaluation

- Ambient monitoring needs for contribution ozone assessment.
- Boundary conditions and modeling of long range transport.
- Research needs for exceptional events and overwhelming transport
- Attainment modeling:
 - Roll back methods for primary emissions
 - Effects of background on RRF

Workshop WRAP-up

- **Thanks to all, presenters & audience (in-person & webinar)**
- **Followup Western topics (*broadly speaking, initial draft list*)**
 1. **Subsequent emissions/modeling workshop(s) – include broader group after NAAQS promulgation – *could combine with WestJumpAQMS and other studies’ results presentations***
 2. **WG on Cold/Cool pools – PM2.5 and Ozone**
 3. **As part of an Ozone Planning workshop, brief/discuss with planners about background vs. transport at various scales – *need operational definitions for air quality planning***
 4. **Data Exchange – emissions, modeling and evaluation, monitoring**
 5. **Periodic analysis by objective (*non-regulatory*) analysis group of “*events thought to be exceptional*” – (*repeatable/non-random*) results vs. technical criteria**
- **Will draft an “*Action Items/Next Steps*” document by mid-July for review and comment by you all**
- **Thanks again from Gail, Kirk, and Tom**