



Round 2 Regional Haze Planning Workshop State Planning, Regional Analysis, and National Coordination

December 5 – 7, 2017

October 10, 2017 update

Registration: [Western and National Regional Haze Planning Workshop registration link](#)
(includes hotel and logistics info for in-person and remote participation - *advance registration required*)

Meeting & Lodging Information:

Westin Downtown
1672 Lawrence Street, Denver, CO 80202
(303)572-9100

Remote Access Information:

Phone: to be added
Access Code: to be added
Go-To-Meeting: to be added

Workshop Objectives:

- 1) Review Round 1 Regional Haze planning experiences / lessons learned (optional, first afternoon);
- 2) Clarify states' planning needs and responsibilities;
- 3) Discuss state-provided inputs to regional analysis activities;
- 4) Identify coordination needs within and across regional analyses;
- 5) Assess national data inputs for state planning purposes; and
- 6) Prepare timelines for work products.

Participants (focus will be on the planning to be done)

- WESTAR and WRAP states' Regional Haze Planners
- Representatives of states and other regional organizations outside the West
- WRAP Technical Steering Committee
- WRAP Work Groups' Co-Chairs and interested members of Work Groups
- Strong preference for participation by staff from EPA national and regional offices - planners and analysts
- FLM leads on planning and analysis
- WESTAR and WRAP staff
- selected technical contractor support staff

Tuesday December 5th (optional, main workshop starts Wed. December 6th)

- 1:00 PM Information / background on Round 1 Regional Haze analysis / planning (Chair: Tom Moore)
Instructors to be invited: Pat Brewer, Joseph Jakuta or Jeff Underhill, Jim Boylan
Example topics:
- Lessons Learned in planning decisions and control assessments – state and regional perspectives
 - Emissions data and control assessments
 - IMPROVE data and light extinction equation
 - Where are we now with implementing the program?
 - How did consultation occur in Round 1?
- 3:00 Break
- 3:15 Information / background on Round 1 session, continued

- 5:00 Adjourn for the day
- 6:00 No Host dinner - location to be announced

Wednesday December 6th (main workshop)

- 8:00 AM Welcome, Agenda Review, and Workshop Objectives (*WESTAR, MANE-VU, SESARM, CenSARA, LADCO*)
- 8:15 National Overview across MJOs of Round 2 Regional Haze analysis and planning for SIPs (*WESTAR, MANE-VU, SESARM, CenSARA, LADCO*)
- 8:45 Examples of analyzing and applying IMPROVE data and Natural Conditions for Round 2 Regional Haze ***planning*** (*Chair: Bob Lebens*)
To be invited:
- Ryan Templeton (AZ)
 - Jim Price (TCEQ)
 - Scott Copeland (USFS)
 - Jeff Underhill (NH)
 - Margaret McCartney (MN) / Donna Kenski (LADCO)
- 10:00 Break
- 10:15 Round 2 Analysis Base Year(s) Emissions Data: 2011, 2014v2, and 2016 (*Chair: Zac Adelman*)
To be invited:
- Pat Brewer(NPS)
 - OAQPS (Alison Eyth or someone from Marc H.'s group)
 - Jim Boylan/John Hornback (GA EPD/SESARM)
 - Tom Moore (WRAP and WESTAR)
 - Jeff Underhill (NH/MANU-VU)
- 12:00 PM Lunch (on your own)
- 1:00 Uncontrollable Visibility Impairment Sources in Round 2 Analysis and Planning – Mobile, Marine Shipping, Fire and Smoke, Dust / other Natural U.S. emissions, and International Emissions (*Chair: Tina Suarez-Murias*)
To be invited:
- EPRI project status report (Ralph Morris)
 - MANE-VU white paper and SESARM reactions (John Hornback and Jeff Underhill)
 - WRAP fire contributions analysis (Ralph Morris)
 - OAQPS representative (Alison Eyth or Brian Timin)
 - Tina Suarez-Murias (CARB)
- 2:30 Break
- 2:45 Projecting “rules-on-the-books” and other likely changes in controllable emissions for 2028 Reasonable Progress modeling (*Chair: Jim Boylan*)
To be invited:
- Brian Timin or Alison Eyth, OAQPS
 - LADCO or MANE-VU/MARAMA on ERTAC EGU
 - MANE-VU on Round 2
- 4:00 4-Factor Analysis and Linkages to setting Reasonable Progress Goals (*Chair: Tim Allen*)

To be invited:

- Curt Taipale, CO
- Jeff Underhill, NH
- Jim Boylan, GA
- Tom Moore, WRAP and WESTAR

5:00 Adjourn for the day

6:00 No Host Dinner - location to be announced

Thursday December 7th (main workshop followed by afternoon caucus sessions)

8:00 AM Agenda Review (*Mary Uhl*)

8:15 Application and Coordination of regional modeling for setting Reasonable Progress Goals for haze SIPs
(*Chair: Tom Moore, panel discussion*)

To be invited:

- Gail Tonnesen (EPA R8) / Pat Brewer (NPS)
- Jeff Underhill (NH/MANE-VU)
- SESARM speaker
- Tina Suarez-Murias (CARB)

Example topics:

- What is different in the draft guidance in terms of using regional modeling results?
- Planning metric and algorithm(s) to derive dirtiest 20% average are different – what and where is the effect of those changes?
- Does the metric change really affect control evaluation and planning, and if so, how?
- What do source apportionment results mean for various jurisdictions?
- Is there a consistent approach needed given the regional variations in source contributions?
- How are these source-by-state contributions translated into RPGs?
- Status and uses of EPA national modeling platform results (Brian Timin, OAPQS)

10:00 Break

10:15 EPA Regional office overview of “what they are looking for in SIP reviews” (EPA)

11:00 Communication and outreach on Regional Haze planning - facilitated discussion (*Chair: TBD*)

11:45 WRAP-up and Next Steps

12:00 Adjourn Workshop, lunch on your own

Other meetings

1:00 Western State Caucus, other separate breakout meetings as needed

3:00 Adjourn caucus / other meetings and homeward bound