

Tuesday, May 23
WRAP Results on Carbon Sources

- 8:00 Introductions and Workshop Overview
- 8:15 State of the Science on Sources of Carbonaceous Aerosols and Their Contribution to Regional Haze [*John Watson, DRI*]
- 9:00 Emissions
- Fire [*Dave Randall, Air Sciences*]
 - Other sources [*Alice Edwards, AK*]
- 9:45 Regional Air Quality Modeling [*John Vimont, NPS*]
- Model performance and uncertainty
 - Air quality changes expected between 2002 and 2018
 - Significance of natural sources
- 10:15 Break
- 10:45 Ambient Monitoring and Data Analysis
- Long-term trends, spatial-temporal patterns of carbon, and its contribution to haze [*Joe Adhloch, Air Resource Specialists*]
 - Receptor modeling source apportionment results [*Mark Green, DRI*]
- 11:30 A Weight of Evidence Approach [*Joe Adhloch, Air Resource Specialists*]
- Weight of evidence framework
 - Case studies: Sawtooth and Badlands Class I areas
- 12:15 Lunch
- 1:30 Policy Tools and Next Steps
- Overview of WRAP fire policies and guidance and examples of how they've been used [*Darla Potter, WY and Mark Fitch, USFS*]
 - California's Smoke Management Program [*Jill Glass, ARB*]
 - Discussion
- 3:00 Break
- 3:30 Related Topics
- Global contributions to haze [*Tony VanCuren, ARB*]
 - Implications of EPA's PM NAAQS proposal on regional haze [*Cheryl Heying, UT*]
 - Update on IMPROVE equation and natural conditions [*Tom Moore, WGA*]
- 4:30 Adjourn

Wednesday, May 24
WRAP Results on Dust Sources

- 8:30 Opening Remarks
- 8:35 Emissions
- Fugitive emissions from construction and agricultural activities, paved and unpaved roads, and point sources [*Alice Edwards, AK*]
 - Windblown dust emissions [*Gerry Mansell, ENVIRON*]
 - Natural vs anthropogenic sources [*Julia Lester, ENVIRON*]
- 9:40 Regional Air Quality Modeling [*John Vimont, NPS*]
- Model performance and uncertainty
 - Use of model results
- 10:00 Break
- 10:30 Ambient Monitoring and Data Analysis
- Long-term trends, spatial-temporal patterns of dust, its contribution to haze, and composition of coarse matter [*Joe Adhloch, Air Resource Specialists*]
 - Receptor modeling source apportionment results [*Mark Green, DRI*]
- 11:15 A Weight of Evidence Approach [*Joe Adhloch, Air Resource Specialists*]
- Case studies: Salt Creek and Badlands Class I areas
 - Technical Support System website
- 12:00 Lunch
- 1:00 Policy Tools and Next Steps
- New Mexico SIP pilot for fugitive dust [*Gail Cooke, NM*]
 - WRAP Fugitive Dust Handbook [*Richard Countess, Countess Environmental*]
 - Implementing a successful fugitive dust control program [*Karen Irwin, EPA*]
 - Discussion
- 2:00 Future Visibility Changes (All Pollutants)
- 2018 base case visibility projections [*Lee Alter, WGA*]
 - WRAP modeling work plan [*Tom Moore, WGA*]
 - Other emission reductions expected in the region
 - o California NAAQS SIP measures and other emission reducing initiatives [*Tina Suarez-Murias, ARB*]
 - o Four Corners Air Quality Task Force [*Rita Trujillo, NM*]
- 3:00 Adjourn