



## Background Ozone Scientific Assessment - March 28-29, 2017 Workshop – interactive agenda

The Western States Air Resources Council (WESTAR), WRAP, and American Petroleum Institute (API) are co-sponsoring a scientific assessment effort on background ozone and future research needs. Available presentations from the March 28-29 workshop in Denver are shown below. This assessment effort will focus on spatial and temporal variations of, and source contributions to, background ozone across the U.S. The assessment is focused on technical and scientific aspects of background ozone that are relevant to policy, but will not directly address policy.

The first review draft of the Scientific Assessment of background ozone in the U.S. document, discussed at the workshop is posted [here](#).

For information about the current status of the assessment effort, please contact Tom Moore ([tmoore@westar.org](mailto:tmoore@westar.org)).

<b><u>March 28</u></b>	
1000 AM	Workshop Welcome, Introductions, Agenda Review – WESTAR-WRAP and API
1020	Overview of Scientific Assessment – Dan Jaffe - University of Washington ( <a href="#">PDF</a> )
1100	Questions/discussion
1120	Panel Discussion: State-Local-Federal Data Needs for Air Quality Planning <ul style="list-style-type: none"> <li>• Frank Forsgren – Nevada Division of Environmental Protection, Bureau of Air Quality Planning (<a href="#">PDF</a>)</li> <li>• Ken Lloyd – Denver Metropolitan Area Regional Air Quality Council (<a href="#">PDF</a>)</li> <li>• John Vimont – NPS Air Resources Division, Research &amp; Monitoring Branch (<a href="#">PDF</a>)</li> </ul>
1200 PM	Questions/discussion
1215	Lunch
130	Expert presentations <ul style="list-style-type: none"> <li>• Owen Cooper - University of Colorado / NOAA ESRL (<a href="#">PDF</a>)</li> <li>• Arlene Fiore - Columbia University (<a href="#">PDF</a>)</li> </ul>
230	Questions/discussion
300	Break
315	Contributed presentations <ul style="list-style-type: none"> <li>• Tom Moore – WESTAR-WRAP (<a href="#">PDF</a>)</li> <li>• Tom Ryerson - NOAA/ESRL Chemical Sciences Division (<a href="#">PDF</a>)</li> <li>• David Parrish - CIRES, University of Colorado / NOAA/ESRL Chemical Sciences Division (<a href="#">PDF</a>)</li> <li>• Bonyoung Koo – Ramboll Environ (<a href="#">PDF</a>)</li> </ul>
435	Questions/discussion
515	Adjourn for the day
530-630	Poster session and informal discussions

<b>March 29</b>	
1000 AM	Welcome to Day 2, Agenda Review – WESTAR-WRAP
1005	Questions raised from first day – Dan Jaffe ( <a href="#">PDF</a> )
1015	Expert presentations <ul style="list-style-type: none"> <li>• Meiyun Lin - Princeton University / NOAA GFDL (<a href="#">PDF</a>)</li> <li>• Andrew Langford - NOAA-ESRL (<a href="#">PDF</a>)</li> <li>• Barron Henderson and Gail Tonnesen - EPA OAQPS and Region 8 (<a href="#">PDF</a>)</li> </ul>
1145	Questions/discussion
1200 PM	Lunch
100	Contributed presentations <ul style="list-style-type: none"> <li>• Lei Zhang - University of Washington, Bothell (<a href="#">PDF</a>)</li> <li>• Kenneth Craig - Sonoma Technology, Inc. (<a href="#">PDF</a>)</li> <li>• Detlev Helmig - Institute of Arctic and Alpine Research, University of Colorado</li> <li>• Mae Sexauer Gustin - University of Nevada, Reno (<a href="#">PDF</a>)</li> </ul>
220	Questions/discussion
230	Break
245	Contributed presentations <ul style="list-style-type: none"> <li>• Greg Stella - Alpine Geophysics, LLC (<a href="#">PDF</a>)</li> <li>• Ian Faloon – University of California, Davis (<a href="#">PDF</a>)</li> <li>• Peter Zoogman - Harvard-Smithsonian Center for Astrophysics</li> </ul>
345	Questions/discussion
400	Key uncertainties and recommendations for research – Dan Jaffe ( <a href="#">PDF</a> )
425	Next Steps - WESTAR-WRAP and API
430	Adjourn Workshop