

Background Ozone Scientific Assessment project overview and March 28-29 workshop ([info here](#))

HAQAST2

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Western States Air Resources Council /
Western Regional Air Partnership

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Background Ozone Scientific Assessment – motivations:

- last review - McDonald-Buller et al. (EST 2012)
- results from western and national U.S. modeling studies
- 2015 Ozone air quality standard
- EPA’s Feb. 2016 white paper, public meeting, review docket
- letters to EPA from WESTAR, API, others
- recent 2015 Ozone standard implementation guidance and national source apportionment modeling results from EPA

This assessment effort will address the current science and emerging issues related to regulatory needs for assessing background ozone across the U. S. as documented by WESTAR and many others.

The assessment is focused on technical and scientific aspects of background ozone that are relevant to policy, but will not directly address policy.

The project will result in one or more peer-reviewed publications.

assessment design

The assessment will consider current research to examine:

1. Sources of background ozone;
2. Background ozone as seen by observations;
3. Background ozone as seen by models;
4. Reconciling observations and models;
5. Temporal and spatial variations in background ozone;
and
6. Research needs to improve our understanding of background ozone.

participation encouraged

- Broad participation by the ozone research community and stakeholders is encouraged.
- The scientific assessment will utilize a draft review document prepared by Dr. Dan Jaffe of the University of Washington and co-authors, which will be distributed in advance of the workshop, followed by presentations and discussions by ozone experts at the workshop.
- The end result will be one or more peer-reviewed journal articles incorporating the results and discussions from the workshop.
- For those that cannot attend in person, high quality remote access will be provided.

assessment effort core team

- Prof. Dan Jaffe (University of Washington) - lead
- Dr. Owen Cooper (University of Colorado / NOAA ESRL)
- Prof. Arlene Fiore (Columbia University)
- Dr. Barron Henderson (EPA OAQPS)
- Dr. Gail Tonnesen (EPA Region 8)
- Prof. Ted Russell (Georgia Institute of Technology)
- Prof. Daven Henze (University of Colorado)
- Dr. Andrew Langford (NOAA-ESRL)
- Dr. Meiyun Lin (Princeton University / NOAA GFDL)
- Mr. Tom Moore (WESTAR-WRAP) – project support

March 28-29 Workshop logistics

- prior registration required
 - <https://westar.ticketleap.com/bgozone032017/>
 - for in-person or remote participation
 - external contributor presentation abstracts (100 words, 15-20-min. presentation timeframe) **are due March 1st**
 - poster session as well
- hotel room block rate cutoff is March 7th
 - Embassy Suites Hotel, downtown Denver
 - <https://westar.ticketleap.com/bgozone032017/get-there/>
- high-quality remote access planned
 - to be distributed to prior registrants

March 28-29 Workshop structure

- 1000 a.m. MDT start each day
- overview of Scientific Assessment
- panel discussion: State-Tribal-Local-Federal Data Needs for Air Quality Planning
- core team presentations
- external contributor presentations
- numerous “questions/discussion” time slots
- observational and/or modeling based
- synopsis of key uncertainties and recommendations for research heard at the workshop
- next steps

Assessment Project Schedule

Date	Milestone
March 1, 2017	Initial deadline for abstracts of topics for anyone wishing to present at the workshop.
mid-March	Draft Assessment document will be released and available on the WRAP website. Workshop participants are encouraged to download, read and respond. Proposed workshop presentations should be relevant to topics raised in the draft document.
March 20	Notification to speakers, final topics for presentations at workshop
March 28 – 29	Denver workshop on background ozone
late Spring	Integrate review comments and workshop results, and submit for publication.

for more information:

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