



**Notes for internal group discussion only. Do not distribute
NWCG Smoke Committee October 2015 Activity Update**



Vacancy Issues

- Vice SmoC Chair, Training Subcommittee Co-Chair.
- Smoke Managers Subcommittee Chair will soon be vacant.

BLM and FWS Fire Programs

- BLM will have a position soon that incorporates smoke as part of the responsibilities.

Outreach and Messaging

- Elaine may have some news on the NWCG websites.
- Diana has been working on Activity Updates and Pete is in the process of reviewing them.
- Website Activity – No update to report.

Progress on Webinar on Mixing Height for Dec. 3, 2015

- We will have unlimited phone capacity. Pete will invite the fire management and ARA community. The southern fire exchange will be advertising about the webinar.

NWCG Business

- Redbook comments due 10/16 (may extend to 10/30) – Pete working on comments. Will look at chapter 7 (Safety & Risk Management). Bill Jackson has suggested changes/comments.
- Product revision Schedule:
 1. Wildland Fire Incident Management Field Guide (Red Book) (PMS 210), January 2014.
 2. Incident Response Pocket Guide (PMS 461), January 2014.
 3. Interagency Standards for Fire and Fire Aviation Operations, January 2015.
- NWCG considers committee meeting agendas, handouts, and minutes as records to post on the web. NWCG will make records 508 compliant. Josh will post to FRAMES Ozone page.
- NWCG approved national coordination committee for dispatch.
- John Glenn/BLM and John Roberts/BIA vice chairs for the NWCG Executive Boards.
- SmoC subcommittee chairs to attend NWCG executive board meeting.
- NWCG will have a monthly summary of website hits.

Ozone NAAQS Whitepaper - [DRAFT SmoC O3 Website](#) - see new attachments

- Ozone rule final October 1, 2015. New standard is 70 ppb. There is an implementation memo with references specifically addressing fire.
- Ozone briefing paper updated by Pete. Teensma interested in collaborating on this.
- Cindy will send most recent literature of DEASCO to Jos for web page posting.
- Josh will update the ozone website with Pete's new maps, which were emailed today.
 - Designation will happen based on 2014-16 data, and the data we have in the maps are for other years (2012-2014 in the new maps; 2012~2013 for archived maps).
 - Track down 2013 ozone BP to post on the website.
 - Josh will send out link to ozone website after update including links to EPA rule and 2008 ozone implementation rule.
- Provide any feedback on the ozone website to Josh.

Wildland Fire Leadership Council (WFLC) Meeting and Smoke Discussion

- Mike Zupco wants to engage with SmoC on the WFLC meeting



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- SmoC committee originated from WFLC. Very broad constituency, state, local governments and representatives. Mike Zupco mentioned there is interest in WFLC on smoke; so possibility to work with them again.
- WFLC wants to understand implementation of air quality rules & meaning for land management. Also best way to coordinate groups to develop a common dialogue about fire.
- Want to engage with SmoC on making comments to EPA rules. How to communicate after an exceptional event. What needs to happen to facilitate Rx fire and make sure SIP is approvable under the Federal program or can certain elements of a program be relaxed (re-evaluating SIP for elements with better information, more current science, or more experience with what works and what does not.
- Mike B will talk to Mike Zupco about inviting the WFLC to a smoke managers subcommittee call.

Upcoming Workshops-SmoC Participation

- WESTAR- See website agenda
<http://www.westar.org/Docs/Business%20Meetings/Fall15/Fall15%20Agenda%20v4.pdf>
 - There will be a discussion of the EPA EER, some future modifications to make this easier
 - Caroline Kelly will present on ARAs. There will be a Regional Haze discussion.
- AFE Fire Congress (November 2015)
 - Pete will have a discussion on smoke management issues.
- IAWF Fire Behavior and Fuels Conference (April 2016)
 - Call for special tracks/workshops deadline is November 13th.
 - Preliminary talk on having a workshop on DEASCO3 ozone tool.
 - SAF meeting November 37 in Baton Rouge. Pete and Rick Gillam will address smoke.
- IAWF International Smoke Symposium 2 (December 2016)
- AGU Conference December 14th – 18th in San Francisco
 - 2 half day tracks dealing with wildland fire biomass emissions and presentations from DOE that include wildland fire emissions.
- Others...? Canada Wildfire...

EPA- National Emission Inventory for Fire 2014: Deadlines, activity data and missing state data issues

- Discussed lack of data for the central US on last SmoC call.
- End of October data collection will be winding down.
- Diana trying to get 2014 data, for OK. The OK Rx Fire Council will be collecting data in 2015.

Subcommittee Report-outs:

Smoke Technical Topics

- Smoke Management Guide is continuing, end of year, will be going through the NWCG review process. Susan sent Mark a draft of the visual range section.
- Susan is starting Emission Factor work.

Smoke Training

- Smoke and Air Quality for Land Managers – Status, Review, and revise plans.
- Personnel Exposure Guidebook

Smoke Managers

- Would like to have Pete leading ozone and EER discussion on next call.
- Rick Gillam/EPA provided updates.
- Announced need for NEI data, however those states are not as well represented on the call.



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Round Robin Topics

- International Wildland Fire Conference – Korea – Pete
 - Significant health issues due to biomass burning and emissions. Pete wants discussion addressing wildland fire response in other countries. Indonesia is impacting Singapore & other Pacific Rim countries due to several wildland fires.
 - N Australia experiencing greater frequency of fire. Native people are burning in relation with the vegetation cycles resulting in emission reductions.
- NM RX fire council is gaining participants. Had a workshop and are planning another.
- UBC, BlueSky Canada meeting: Discussed N American/N Hemisphere fire emission modeling.
- Canada is forming a SmoC committee. Susan discussed set up of SmoC with them.
- US & Canada discussed sharing fire suppression expertise and resources. Notable shortage of FBANs and similar positions.
- Black Carbon – Bob Yokelson emailed Pete about a detailed study on black carbon – most of the American BC is removed by precipitation before it reaches the arctic. Most of the BC in the north is the result of Chinese industry. Pete can share this article if the group is interested.
- Mixing Height- Webinar: Dec. 3, 2015 – Gary working on an outreach flyer. RX fire council in NC wants an invitation. Planning on a large audience.
 - Gary will find a conference lines with large capacity and webinar recording capability.
- NACAA call Re: EER – EPA drafted EER, is going to Janet McCabe and OMB for review. There is a draft technical guidance for wildfires and ozone. Getting Final out by August 2016 allowing states time to review before October 1, 2016 designation recommendations deadline.
- Next smoke managers call should have discussion on ozone and the EER.
- Susan is planning to discuss IDEA products with NOAA.
- WARF modeling in complex terrain – Meteorology and Climate in Modeling for Air Quality had presentation in gridding technology used in WARF concluded that steep terrain doesn't do a good job on nighttime valley flows and is less effective at accounting for inversions. – There are other gridding techniques that can be used in WARF for high resolution runs.
- NW Regional Modeling Consortium – Want to include aerosols in WARF runs due to the recent large wildfires. Has implications for solar radiation and the impact on inversions, etc. There will be a case study analysis first.
- PANDAR (sp?) get vertical profile of wind speed, temp, humidity, icing, etc. There is also data available to smoke modeling researchers that gives a 3d view of weather conditions.