



Present:

Colby Jackson (NWCG)
David Mueller (BLM)
Josh Hyde (Univ of Idaho)
Lou Ballard (FWS)
Mark Fitch (NPS)
Pete Lahm (FS)
Shaina White (BIA)
Susan O'Neill (FS)
Tammy Eagan (FL)

Action Items

- [Action Item Pete] – discuss state access to national cache with NIFC. BLM requires agreements for each state.
- [Action Item Pete Dave Mark] Video inputs on Smoke on Roads has not yet made it to WFSTAR
- [Action Item SmoC] - Definitions related to Smoke to NWCG? i.e. superfog, smoke-induced fog, (leave 'dispersion window' alone). Also make sure NWS has not already defined these terms.
- [Action Item tech topics subcommittee] – we need to figure out what resources we want to consider for collaboration with EGP, there's also tools like Bluesky that may be a part of this, as well as the satellite data itself.

Next Call – February 27, 2020

Wildfire News

- 3K and 5K acre prescribed fires in FL.
- Mike Broughton is officially retired on 24th. Hired by Aces as emergency stand in for his previous position if needed, job announcement will go out ~next week.
- NPS working with FS cache and cache manager.
 - Does it make sense to provide states access to the monitoring cache? Something to bring up in the future.
 - [Action Item Pete] – discuss state access to national cache with NIFC. BLM requires agreements for each state.

Upcoming Webinars

- Air Quality Sensor Update??? EPA - keep this on the agenda, science is continuing to advance with new equations, EPA is releasing info for the public on use of AQ sensors. Fuel and combustion, Ian will be presenting at ISS3.
- Role of Fuel and Combustion Conditions on the Chemistry and Cardiopulmonary Toxicity of Smoke from Wildland Fires (Ian Gilmour – EPA)?

NWCG

- Med unit leader video progress – looking for committee volunteers and probably going to add 60 sec to the video to better address transportation safety.
- Support the proposed med unit leaders.
- [Action Item Pete Dave Mark] Video inputs on Smoke on Roads has not yet made it to WFSTAR



NWCG Smoke Committee Conference Call 02/13/2020



- S-130 March 2 deadline.
- Smoke Roadways and Safety Guide, addressed several substantial updated this morning, followed by a follow up call next Friday to complete.
- SMG wrapping up consistency issues between SMG and Roadway Safety Guide
- Smoke Management Field Guide authors call taking place this afternoon.
- Smoke Pocket Card – This will be really helpful to the fire community, so we are planning on taking on this effort in the future as SmoC. There is an existing pocket card from SerPass, so theres others out there that we can reference.
- SmoC Training Subcommittee – we have had smaller work teams working on these issues, but we need to get a more formal subcommittee in place again. This subcommittee spends a lot of time developing tools applicable not only for fed and private fire, but also the regulatory community. We want to make sure this broad scope is retained and not shrunk. Pete has brought Janice Peterson on some of these efforts through a detail in Washington DC – recruiting, input on updating smoke and air quality for land managers, in addition to other tasks (Smoke research, trajectory of interagency smoke response, research, etc)
- NWCG project funding
 - PB Piedmont improvement – User Guide
 - Rx 410 Assessment and re-write- \$20k for 2021 and \$100k for 2022 to cover substantial online development
 - Smoke and Air Quality for Land Managers Course revision
 - RX 410 is now in Smoke Committee purview. FMC will still want to maintain a level of involvement somewhere in the RX-410 efforts.
 - Action Item SmoC - Definitions related to Smoke to NWCG? i.e. superfog, smoke-induced fog, (leave 'dispersion window' alone). Also make sure NWS has not already defined these terms.

SmoC Interactive state map of smoke contacts and program information – Status – SMP's and MOU's from SE and West now being included – Filling gaps? Local and Tribal smoke contacts? –Tasking of Smoke Managers Subcomm. – Overlap with AirFire mapping Josh can follow up with this via airfire – putting contacts in a geodatabase format and offer it via ArcGIS online or similar – better method for future additions than its current html format (mapped image with bookmarks).

Upcoming Workshops-SmoC Participation

- March 30th EPA Smoke Management Meeting in Ashland OR.
- Next International Smoke Symposium will be in April 20-24, 2020, Location Raleigh, NC.
 - [Action Item All] If you want to be involved with ISS3 (committee members, board members, presenters, etc.) let Pete know.
 - Additional day and track have been added to accommodate workshops and presentations that were submitted. Also, people pushing on meeting mgt to get more allowance for people to attend this event. May have a different speaker than Steven Pine on the fire ecology end. Is Paul Hessberg or someone similar available? Maybe someone from Leopold institute.
 - Gary is setting up a field day prescribed burn. There may a field day at ORD in Raleigh. It is well balanced between east and west. Panels are being narrowed down with members from WHO, Federal and public health. Encourage folks for talks and ignite talks. Planners are trying to encourage younger audience members to take part.



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- WESTAR Spring Business Meeting – Week of April 20-24, 2020
- Childhood Health and Wildfire Smoke – Week of April 28th. Invite only in Sacramento. Product-oriented workshop with Pediatric Health, EPA, etc. Pete will convey conclusions to SmoC.
- Air Sensors International Conference May 12-15, 2020. Pasadena CA.
<https://asic.agrc.ucdavis.edu/>
- American Meteorological Society (AMS) 13th Fire and Forest Meteorology Symposium. May 12-14, 2020. Palm Springs, California. <https://www.ametsoc.org/index.cfm/ams/meetings-events/ams-meetings/13-fire-and-forest-meteorology-symposium/>

Subcommittee Roundup

Technical Smoke Topics

- Susan has been collaborating with NASA HAYQAST Team and doing satellite data videos for smoke and fire and discussing the next video with Mark re: NASA worldview webpage specifically focusing on smoke and fire (GOES VIIRS MODIS are all available on there). Aerosol watch webpage and others that future videos will cover (5-10 minutes each). What about EGP overlap (corporate data), IRWIN and INFORMS are now linked with EGP.
- [Action Item subcommittee] – we need to figure out what resources we want to consider for collaboration with EGP, there's also tools like Bluesky that may be a part of this, as well as the satellite data itself.

Smoke Managers – Next Chair Seth Morphis

Training – Revitalization plans (How does S-190 and above address smoke and how are we training our agency administrators and PIO's about smoke)

Round Robin Topics

- Annual NWCG Meeting – WFLC maintains a Facebook site with 20K, BLM has more freedom to use Facebook, FS can't and NPS may also have barriers. How can we gain a presence on that platform?
- NASF-CMS Meeting- Rick Gillam, several Fire Chiefs, etc discussed barriers to RX fire as well as how to move forward. John Fish from FI State helped lead the session. There is white paper with recommendation that is being drafted. There is also the topic of working with NWS like Gary brings up, different ventilation indices, different availability of smoke tools via NWS, etc.