



NWCG Smoke Committee Conference Call 09/10/2020



Present:

Blane Heumann (TNC)
Colby Jackson (NWCG)
Dan Chan (GA Forestry)
Josh Hyde (Univ of Idaho)
Lou Ballard (FWS)
Mark Fitch (NPS)
Mary Uhl (Westar)
Pete Lahm (FS)
Peter Teensma (OWF)
Shaina White (BIA)
Susan O'Neill (FS)
Tammy Eagan (FL)
Seth Morphis (USFS)

Action Items

Wildfire and smoke activity round robin

- Lot of ARAs out with wildfires in CA OR, very high smoke exposure in OR. 1000 fuels contributing to a lot of smoke in the west CO also experiencing fires.
- Been a challenge to get enough ARAs. Primary concern at this stage is physical safety.
- Cache manager is working to get the monitors where they are needed.
- Potential for dry fuel conditions in the east in the next two months, so this could lengthen fire season
- Satellite fire detection is underscoring the unprecedented extent of fires in the west currently, 1000's or 100,000s of detects.

Next Call – Sept. 24, 2020

Webinars

Waiting to coordinate with FMC and IFTDSS until after Dave gets back from Fire Assignment.

NWCG Business

- Smoke Management Field Guide Effort –Call schedule established
- SOF#/MEDL/LOG# video progress – contract has not yet gone through
- Revitalization of the SmoC Training Subcomm – Funding procured for update of Smoke and Air Quality for Land Managers – Review needs to begin
- Pete submitted NWCG Guide for Prescribed Fire Smoke Management (2020) PMS 420-3 version and Smoke Roadways and Safety Guide PMS 477 to Jesse for final versions. Status-Jesse returned PMS 477 for final review and posting.
- Stand up of Mixing Height Work Group with FENC - Fire Weather Subcommittee – Pete status - Questions from Robyn on whether it needs to be led by a Committee or it can be co-led
- RX-410 Remote learning for 2021 - Follow up on rx410, any courses that go virtual will be instructor led, these will not be self driven online trainings



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- For PMS 310-1 RXMG will replace RX1 and 2. This document will also be based online, no longer PDF.
- Satellite task team through FENC, this is not published on NWCG and should be linked on the FRAMES site.

Smoke and COVID Efforts – substantial efforts have gone into keeping camps small, COVID testing, etc. this year.

Upcoming Workshops-SmoC Participation

- American Geophysical Union – Dec 1-7 <https://www.agu.org/fall-meeting>
- Meeting on Purple Air data validation, this meeting is mainly for state and local authorities and air professionals.
- National Academy of Sciences Smoke Efforts, Pete will present
- WESTAR Fall meeting is sept. 22-23. Nothing specific to smoke on this remote meeting, happy to have people join and there is a draft agenda on the westar website.
- Webinar: Development and Performance Validation of a U.S.-Wide Correction Equation for PurpleAir PM2.5 Sensor Data by EPA, Wednesday, September 16, 2020. Time: 2:30 to 4 p.m. Eastern Daylight Time Limit of 250 participants [Join Microsoft Teams Meeting +1 984-444-7480](#) United States, Raleigh (Toll) Conference ID: 688 606 536#
- Workshop on Wildland Fires: Towards Improved Understanding and Forecasting of Air Quality Impacts, September 23-25. Agenda: https://www.nationalacademies.org/event/09-23-2020/wildland-fires-towards-improved-understanding-and-forecasting-of-air-quality-impacts-a-workshop?mc_cid=1344be7ef2&mc_eid=49682404c9
 - Register: https://www.eventbrite.com/e/wildland-fires-understanding-forecasting-air-quality-impacts-a-workshop-tickets-116899781393?aff=odeimcmailchimp&mc_cid=1344be7ef2&mc_eid=49682404c9
- American Geophysical Union – Dec 1-7 <https://www.agu.org/fall-meeting>
- Air Sensors International Conference April 27-30, 2021 <https://asic.aqrc.ucdavis.edu/>
- American Meteorological Society (AMS) 13th Fire and Forest Meteorology Symposium. May 11-13, 2021. Palm Springs, California. <https://www.ametsoc.org/index.cfm/ams/meetings-events/ams-meetings/13-fire-and-forest-meteorology-symposium/>

Subcommittee Roundup

Smoke Managers

- Subcommittee has received a list of tribal contacts that we can add to the contacts directory for the site. Committee will review and get it pared down to 1 per tribe for each tribe in a state.
- Next Subcommittee Call is Oct. 12

Technical Topics

- No News

Training



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- No News

Round Robin

- Online smoke tool – well received. Mary referred a lot of people to it. Note that some Purple air sensors on the site that are inside hoses are going to be removed (working on). Note. Visibility s of Portland is around 50 ft, perfect time to have this resource.