



NWCG Smoke Committee Conference Call 11/05/2020



Present:

Blane Heumann (TNC)
Colby Jackson (NWCG)
Deb Fleming (NWCG)
Gary Curcio (IPA)
Josh Hyde (Univ of Idaho)
Nick Yonker (OR)
Pete Lahm (FS)
Shaina White (BIA)
Susan O'Neill (FS)
Tammy Eagan (FL)
Janice Peterson (USFS)

Action Items

- [Action Item Colby] Find out how to start coordination on this between Pete/SmoC, Red Inc, and NWCG collaborators.
- [Action Item Pete Mark Dave Gary] Call for Roadway Smoke Pocket card finalization and AOPS task group. Call on 10 Nov. 1000 EST.
- [Action Item SmoC] January 22 will be the date to get fiscal year 22 proposed projects in for NWGG funding consideration.

Wildfire and smoke activity round robin

- Amber Ortega back at the cache. Moving some monitors out for RX fire activity which is slowly picking up in the west. Some increase in east and central US.
- Wildfire, ARA trainee on the Creek Fire, forecasting snow this weekend so that fire is anticipated to be done at that point.
- Some wildfire potential in S. CA due to dry conditions and seasonal Santa Ana winds.
- In OR, Rx burning is picking up substantially. Rain and cooler temperatures are moving into the area.
- FASMEE burn in Utah Fish Lake NF is happening today.

Next Call – Nov. 19, 2020,

Webinars

IFTDSS Webinar scheduled for Nov. 19, starting at 1200 MT time (second half of SmoC call). – GoTo Meeting Invite will be sent today.

NWCG Business

- Smoke Management Field Guide Effort –Call scheduled next week.
- SOF#/MEDL/LOG# video progress – Activity on this will resume this fall.
 - [Action Item Colby] Find out how to start coordination on this between Pete/SmoC, Red Inc, and NWCG collaborators.



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- Revitalization of the SmoC Training Subcomm – Janice Peterson has gotten regional commitment to let her take on this task. Already started engaging on RX-410 virtual delivery with Paul Corrigan and others.
- Smoke and Air Quality for Land Managers – if this was done quickly it could contribute to the virtual RX-410.
- PMS-477 has been released.
- PMS 420-3, probably a couple weeks out from being published online, and a couple months from hard copy publication.
- NWCG Glossary list has been sent out.
 - Comments had been submitted by SmoC in the automated portal on some of those terms.
 - [Action Item Dave] Send Deb a copy of our Glossary comments and cc Pete.
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- [Action Item Pete Mark Dave Gary] Call for Roadway Smoke Pocket card finalization and AOPS task group. Call on 10 Nov. 1000 EST.
- NFDRS SmoC has sent correspondence to FENC and awaiting reply from FENC and the NWCG Liaison to initiate dialogue.
- Some studies on air pollution and Covid-19 have started to emerge in scientific literature, but Pete has not yet seen one that specially isolates wildfire smoke.
- [Action Item SmoC] January 22 will be the date to get fiscal year 22 proposed projects in for NWGG funding consideration.

Upcoming Workshops-SmoC Participation

- Rocky Mt Regional Wildfire Smoke Symposium Nov. 13th.
<https://www.boisestate.edu/ceehs/rocky-mountain-regional-wildfire-smoke-symposium/>
- 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/>
- Pete is hoping to do an in-person ARA training in the Spring 2021, in a similar time-frame that they've trained in the past.

Subcommittee Roundup

Smoke Managers

- Seth is out

Technical Topics



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- A couple more satellite training videos addressing wildland fire. Susan is working on these and they will be out in the next few months.

Training

- Covered a bit on this call already.

Round Robin

- Blane following up Re: satellite videos. At TNC we've had people interested and using these and will continue to be interested in new videos as they are released.
- Combined irritant exposure – this topic has been discussed some this fire season, but not sure how much we've been able to explore. Is that something we could engage in more, looking at relationships between CO concentrations and formaldehyde, acrolein, and benzene, in the context of firefighter exposure. Further, maybe there is opportunity to make links to visual sensors. Maybe this step is not valid, but if the science indicates there is validity, this is something we should look into more.
 - Papers on these should be shared with the Technical Subcommittee, specifically Mark and Susan.