 

**Smoke Management and Prescribed Burning in Washington:**

***Foundations for the Future***

***February 28 – March 1, 2017***

**Wenatchee, WA**

***Organized by the Washington Department of Natural Resources and US Forest Service R6***

***Workshop Goal:*** *Identify Key Issues, Educate, and Promote Discussion and Collaboration.*

***Target Audience:*** Those interested in fire/smoke issues from WDNR, PNW Research Station, USFS Region 6, BLM, Washington Dept. of Ecology, Washington Dept. of Fish and Wildlife.

***Location:***  Okanogan-Wenatchee National Forest Headquarters, Wenatchee, Washington

215 Melody Lane Wenatchee WA 98801

***Accommodations:*** There are several hotels near the Okanogan-Wenatchee headquarters. Sorry: we were not able to book a block of government rate rooms for this event.

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** Agenda**

**Tuesday, February 28, 2017 8:00 – 5:00**

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| **Time**  | **Topic** | **Speaker** |
| **8:00 - 8:45** | **Welcome!**  **Mike Liu**, District Ranger, Methow Valley RD, Okanogan-Wenatchee NF* Introductions: participants’ background and knowledge (icebreaker)
* Goals/expectations for this meeting
* Breakout group identification
 | ***Facilitator – Cheryl Friesen, USFS Science Liaison, R6******Rick Graw****, USFS R6 Air Quality Program Manager and* ***Karen Arnold,*** *ADM, Predictive Services and Operational Support, Wildfire Division, DNR* |

** Smoke Management and Prescribed Burning in Washington**

 **Agenda continued**

**Tuesday, February 28, 2017**

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| **Time**  | **Topic** | **Speaker** |
| **8:45 – 9:30****9:30 – 9:45** | Identification and Categorization of Key Issues for consideration during the Washington Smoke Management Plan Update – don’t forget the elephants!-- Low hanging fruit issues: easy to answer and hope to address in this meeting (e.g., FH Exemptions, nuisance smoke).-- Mid-hanging fruit issues: may need further discussion beyond this meeting to identify a path forward.-- Out-of-reach for now issues: likely too complex to identify a path forward in this meeting, but we will note for future discussions.Report out | ***Breakout Groups****Facilitators: Karen Arnold, Rick Graw, Cheryl Friesen, Jay Carmony, Janice Peterson* |
| **9:45 – 10:00** | **Break** |  |
| **10:00 – 10:50** | **Wild and Rx Fires: Balancing Risk and Emissions.** | ***Paul Hessburg****, PNW Research Station* and **Richy Harrod**, Deputy Fire Staff for Fuels and Fire Ecology, Ok-Wen NF |
| **10:50 - 11:20** | **Developing a Common Vision for Restoration.** | ***Chuck Hersey,***  *Forest Health Specialist, Washington DNR* |
| **11:20 – 12:00** | **Washington State Smoke Management Plan**. * How did we get here? History of Washington’s smoke management program
* Explanation of how fuel loading and emissions are determined
* Explanation of use of meteorology and smoke modeling to determine impacts.
* Current approval criteria, thresholds, and regulations.
* Nuisance Smoke – What is it? How does DNR apply this?
* FH Burning Exemption – Clarify what this is and how it is to be used.
* Q&A
 | ***Dave Grant****, Fire Regulation Program Manager, Washington DNR* |

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 **Agenda continued**

**Tuesday, February 28, 2017**

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| **Time**  | **Topic** | **Speaker** |
| **12:00 - 1:15** | **Lunch on own** |  |
| **1:15 - 2:05** | **Smoke Management Plan Review: Schedule and Process.** | ***Jonathon Guzzo,*** *Smoke Management Plan Manager, Washington DNR* |
| **2:05 - 2:35** | **Washington Dept. of Ecology Perspective on Prescribed Fire and Smoke Management** | ***Sean Hopkins****, WA Dept. of Ecology* |
| **2:35 - 3:00** | **Break** |  |
| **3:00 - 3:30** | **Washington Dept. of Fish and Wildlife Perspective on Prescribed Fire and Smoke Management.** | ***Matt Eberlein***, *Prescribed Fire Program Manager, WA Dept of Fish & Wildlife* |
| **3:30 – 4:00** | **The nature of public complaints on smoke and how DNR responds to their concerns (visuals, tourism, health, etc.)** | ***Karen Arnold***, *ADM, Predictive Services and Operational Support, Wildfire Division,*  Washington DNR |
| **4:00 – 4:45**  | **Collaboration in smoke management:****What does it look like? When is it appropriate? How to define success?** | *Small Group Discussions* |
| **4:45 - 5:00** | **Reflect on the day** | *All* |
| **6:00 -**  | **Social Hour/Dinner** **Bob’s Classic Brass & Brew (110 2nd St)** |  |

**Wednesday, March 1, 2017 8:00 – 12:15**

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| **Time**  | **Topic** | **Speaker** |
| **8:00 – 8:10**  | **Reconnection:** any new ideas/ thoughts since leaving yesterday? | ***Cheryl Friesen*** |
| **8:10 – 9:10** | **Communicating with our public:*** What have we learned from research?
* What do we still need to understand?
* Do we have “language” issues?
* How do we define successful public involvement, outreach, and education?
* Share examples of what’s working.
 | ***Stanley Asah****, Human Dimensions and Natural Resources Management, University of Washington* *Group Discussion facilitated by* ***Stanley and Cheryl*** |

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 **Agenda continued**

**Wednesday, March 1, 2017**

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| **Time**  | **Topic** | **Speaker** |
| **9:10 – 10:10** | **Communicating Amongst Ourselves: Lessons Learned from the Washington Pilot Study on Prescribed Burning and Air Quality.*** **Fuels -- Roger Ottmar**
* **Communication -- Karen Arnold and Dave Grant**

Open discussion on identifying and overcoming  communication issues. | ***Roger Ottmar,*** *Research Forester, PNW Research Station, Seattle, Threat Characterization and Management;*  ***Dave Grant,***  *Fire Regulation Program Manager, Washington DNR;* ***Karen Arnold,*** *ADM, Predictive Services and Operational Support, Wildfire Div., DNR* |
| **10:10 – 10:25** | **Break** |  |
| **10:25 – 10:45**  | **Communicating with our science partners: fuels and smoke emission tools update.** | ***Susan Prichard,*** *Research Scientist, School of Environmental and Forest Sciences, UW* |
| **10:45 – 11:10** | **Tracking and Reporting on our progress.*** Identifying appropriate parameters to track.
* What are we currently tracking?
* Suggested changes, additions, subtractions?
* Using this information to identify and overcome barriers
 | ***Rick Graw,*** *USFS R6 Air Quality Program Manager* |
| **11:10 – 12:10** | **Review Issue and Recommendations:** What should be considered during the SMP update?* What **low-hanging fruit issues** did we address and are we satisfied with our path forward?
* What **mid-hanging fruit** will need further discussion to identify a path forward?
* What issues did we see as **out-of-reach** for now? i.e. too complex to identify a path forward at this meeting, but noted for future discussions.

**Can we identify and assign action items and workgroups for issues that need further work?** | ***Group Discussion***  |
| **12:15** | **ADJOURN** |  |