

NW-AIRQUEST 2015 Annual Meeting

June 24-26, 2015

Oregon DEQ, 811 SW 6th Ave. Portland OR, 97204 - Conf Rm EQC A

Conference Phone (712) 775-7031 | Meeting ID: 767-494-251

<https://epa.connectsolutions.com/nwairquest>

Wednesday June 24th 1-5:30pm

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|---------|---|---|
| 1:00 pm | Welcome provided by Environmental Solutions Division Administrator | Wendy Wiles |
| 1:15 | Meeting Kickoff - Rick Hardy and Jeffrey
Introductions (8 min)
NW Airquest 101: How did we get here? (20 min)
State of the Model (30 min)
Blue Sky Modeling (20 min)
Clear Sky updates (20 min) | Rick Hardy
Brian Lamb
Farren Herron-Thorpe
Joe Vaughan |
| 2:45 | Working Groups report-outs
1) Ventilation Indices (10-20 min)
2) Emission Inventories (30 min)
3) Model Evaluation (20 min)
4) Exceptional Events (10 min) | Rob Elleman
Sally Otterson
Drew Polley
Rick Hardy |
| 3:45 | Break (15 min) | |
| 4:00 | Working groups continued (30 min) | All |
| 4:30 | Business Meeting (60 min)
Finalizing WSU work plan and contract
Project management - LRAPA
NW-AIRQUEST Chair rotation | Rick
Jerry B (or Nasser)
Rick |
| 5:30 pm | Adjourn for the day | |

Thursday June 25th 8:30–5:30pm

8:30 am	<u>Tying it all together: Oregon PATS overview</u> (10 min)	Sarah Armitage
8:40	<u>Washington County, Oregon Woodstove Survey and Air Toxics</u> (30 min)	Chris Swab
9:10	<u>Monitoring heavy metals with moss in Portland</u> (45 min)	Sarah Jovan, Geoffrey Donovan
9:55	Break (15 min)	
10:10	<u>Meteorological correlations with PM2.5 and trend analysis</u> (45 Min)	Mark Green
10:55	<u>A Simple Conceptual Model for Winter PM2.5 Episodes in Western Mountains and the Historical Record it Reveals</u> (20 min)	Rick Hardy, Yayi Dong and Brady Johnson
11:15	<u>Oregon PM2.5 Prevention plan areas</u> (25 min)	Larry Calkins
11:40	<u>AIRPACT-5 discussion</u> (30 min)	Brian Lamb
12:10	<u>Potential AIRPACT applications for Ozone Planning</u> (30 min)	Clint Bowman
12:40	Lunch (70 min)	
1:55	<u>Swan Island Meteorological Monitoring for nuisance odors; Oregon nuisance odor strategy</u> (30 min)	Evan Bing Anthony Barnack
2:25	<u>WA SO2 modeling/monitoring analysis & the flux curtain</u> (30 min)	Clint Bowman
2:55-3:15	Break (20 min)	
3:15	<u>Ozone interannual variability</u> (45 min)	Dan Jaffe
4:00	<u>The effects of recent marine vessel fuel sulfur regulations at reducing PM2.5 impacts from ships along the U.S. west coast</u> (30 min)	Bob Kotchenruther
4:30	<u>2014 Seattle Chinatown-International District Near-Road Mini-Study</u> (20 min)	Phil Swartzendruber
4:50	<u>Updates on new studies going on at WSU</u> (10 min)	Brian Lamb
5:00	Extra cushion time	
5:30	Adjourn for the day	

Friday June 26th 8:30–12:30pm

8:30	<u>Forest Health and the benefits of a 4/3 km domain expansion into Oregon</u> (60 min)	Rick Graw
9:30	Portland State University local studies (45 min) <ol style="list-style-type: none">1. <u>Assessing the Potential of Portland's Urban Forest in Mitigating Local Air Pollution</u>2. <u>Development of a High-Resolution Air Quality Modeling Framework at PSU</u>3. <u>Characterizing the Roadside Atmospheric Environment of an Urban Arterial</u>	Meenakshi Rao, Rodrigo Gonzales- Abraham, Christine Kendrick
10:15	Break (15 min)	
10:30	Summary from the Western Modeling Workshop CANCELLED (30 min)	Tom Moore
11:00	<u>NOx source-receptor regions within the Lower Fraser Valley BC during high ozone summertime days</u> (20 min)	Bruce Ainslie
11:20	<u>"PM2.5 speciation data without a speciation monitor... say what!?" EPA and Idaho's experience with Pinehurst Idaho</u> (30 min)	Bob Kotchenruther
11:50	<u>Idaho's Crop Residue Burning Forecast Tool</u> (30 min)	Wei Zhang/ Rick Hardy
12:20	Wrap-up, to-do list review, next steps	Jeffrey Stocum
12:30- 12:45	Adjourn the Annual Meeting	

Attendees:

	Name	Affiliation	Attendance
1)	Julie Simpson	Nez Perce Tribe	Remote
2)	Andrea Boyer	Nez Perce Tribe	Remote
3)	Brian Lamb	WSU	In Person
4)	Joe Vaughan	WSU	In person
5)	Tonnie Cummings	NPS	In person
6)	Rob Elleman	EPA	In person
7)	Rick Hardy	ID DEQ	In person
8)	Bob Kotchenruther	EPA	In person
9)	Bruce Ainslie	Environment Canada	In person
10)	Tom Moore	Westar/WRAP	Remote
11)	Sean Hopkins	Ecology	In person
12)	Todd Mitchell	UW	In person
13)	Stephanie Summers	Ecology	Remote
14)	Mary Fauci	Nez Perce Tribe	Remote
15)	Wei Zhang	ID DEQ	Remote
16)	Jacob Wolfe	ID DEQ	In person
17)	Gary Reinbold	ID DEQ	In person
18)	Susan O'Neill	USFS	Remote
19)	Mark Green	DRI	In person
20)	Dan Jaffe	UW	In person
21)	Rick Graw	USFS	In person
22)	Farren L. Herron-Thorpe	Ecology	In person
23)	Sally Otterson	Ecology	In person
24)	Clint Bowman	Ecology	In person
25)	Ranil Dhammapala	Ecology	In person
26)	Evan Bing	OR DEQ	In person
27)	Chris Swab	OR DEQ	In person
28)	Jeffrey Stocum	OR DEQ	In person
29)	Phil Allen	OR DEQ	In person
30)	Meenakshi Rao	PSU	In person
31)	Rodrigo Gonzales-Abraham	PSU	In person
32)	Christine Kendrick	PSU	In person

33)	Jacinda Mainord	PSU	In person
34)	Jerry Boynam	LRAPA	Remote
35)	Nasser Mirhosseyeni	LRAPA	Remote
36)	Sarah Armitage	OR DEQ	In person
37)	Aida Biberic	OR DEQ	In person
38)	Wes Risher	OR DEQ	In person
39)	Philip Swartzendruber	PSCAA	In person
40)	Larry Calkins	OR DEQ	In person
41)	Drew Polley	WSU	In person
42)	Sarah Jovan,	USFS	In person
43)	Geoffrey Donovan	USFS	In person
44)	Kary Peterson	Ecology	Remote
45)	Brian Sines	ID DEQ	Remote
46)	Sara M. Strachan	ID DEQ	In Person
47)			