

PNWIS 2022 – Conference Schedule (released 10/5/2022)

Blue Text = Young Professional
Green Text = Student

Monday, October 10, 2022				
	North Cape Bay	Room 5 ABC (7th Floor)		
12:00 - 1:00pm	Registration for Professional Development - C.C. Reg			
1:00 - 5:00pm	PNWIS Board Meeting	Professional Development – Environmental Manager Basics		
6:00 - 8:00pm	Board Dinner - Seasons Grill			
Tuesday, October 11, 2022				
	Casco Bay	Room 5 ABC (7th Floor)		
8:00 - 12:00pm	PNWIS Annual Mtg (9 AM – 11 AM)	Professional Development – Environmental Manager Basics		
9:00 - 1:00pm	Exhibitor Setup-Bay 3-4			
11:00 - 1:00pm	Registration for Conference - C.C. Reg			
1:00 - 1:30pm	Opening Remarks and Keynote Speaker (Caj Matheson) in Bays 3-4			
	Casco Bay (Track 1) Air	Bay 1A (Track 2) Plus More Environmental Aspects	Bay 1B (Track 3) Air	Bay 2 (Track 4) Air
	Air Permitting	Environmental Sustainability	Air Toxic	Environmental Challenge
	Chair: Beth Hodgson (Spring Environmental)	Chair: Krista Kinsey (Simplot)	Chair: Krisina Schafer (Montrose)	Chair: Melody Kieneker (Farallon)
Session I 1:30 – 3:00pm	<p>An Approach to Preparing and Reviewing a BACT Analysis for Air Quality Permitting - Gary Huitsing (Ecology)</p> <p>Permitting a Soil Cleanup Operation with Anticipated Emission Decreases Over Time - David Finley (Ecology)</p> <p>Recapitulation of Permitting a Lumber Kiln in the PNW (and Other Actions) - Jacob Odekirk (Potlatch)</p> <p>Air Permitting Updates for the Pacific Northwest - Melissa Hillman (Trinity Consultants)</p>	<p>Mason Bees and Their Effect on the Environment- John Haney (Haley & Aldrich)</p> <p>Use of Injection Wells for Disposal of Industrial Non-Contact Cooling Water - Keylin Huddleston (Haley & Aldrich)</p> <p>The Race to Net-Zero Mining - Mitchell Samson (Warm Springs)</p> <p>Potential Use of SCOBY Membranes for Industry and Emergency Response - Conor Sheehy (Montana Tech)</p>	<p>Air Toxics: Examples and How to Lower Their Cancer Risk – Sebastian Wolfendale (Montrose)</p> <p>Oregon CAO Level 3 HRA for a Data Center - Greg Nostrand (Landau Assoc)</p> <p>Predicted and Measured COPC Concentrations at the LNG Canada Workforce Accommodation Center in Kitimat, BC – Peter Reid (Stantec Consulting)</p> <p>Lessons Learned in Toxic Air Contaminant HRA And Permitting - Mackenzie Billings (ODEQ)</p>	<p>Rules and Introductions</p>
3:00 – 3:30pm	Refreshments – Bays 3-4			
	Modeling Part 1	Waste Management	Air Quality Regulatory Updates	Environmental Challenge
	Chair: Peter Reid (Stantec)	Chair: David Finley (Ecology)	Chair: Agata McIntyre (NWCAA)	Chair: Melody Kieneker (Farallon)
Session II 3:30 – 5:00pm	<p>Anyone can model: Creating a user-friendly CALPUFF program - Katie Kolesar (Air Science)</p> <p>Developments in Regulatory Air Modeling and Permitting of Offshore Sources - Jay McAlpine (EPA R10)</p> <p>Yakima Valley Wintertime PM2.5 Modeling Study - Tes Berhane (Ecology)</p> <p>Estimating Near Road Air Pollution from Freeway Vehicle Traffic Tow-ways: Comparing on the Ground Measurements with MOVES modeling - Lyndsey DeMarco (Air Sciences)</p>	<p>What Lies Beneath: Uncovering a Landfill Closure Three Decades Later - Jen Lennon (City of Spokane)</p> <p>Measuring VOC Emission Rates from Green Waste Composting - Tom Jobson (WSU)</p> <p>Addressing Widespread Lead and Arsenic Contamination from Past Pesticide Applications - Valerie Bound (Ecology)</p> <p>Lessons Learned, Commissioning of an on-site Soil Treatment Facility (STF) - Erin Hallenburg (Coeur Mining)</p>	<p>Crossing Borders: Regulatory Reporting from a Multi-Jurisdictional Perspective - Janna Loeppky (Avista)</p> <p>Success and Shortcomings of the Federal Clean Air Act in Its First 50 Years - Merlyn Hough (Ret LRCAA)</p> <p>New HAP Listing: What Does it Mean for Puget Sound Sources - Maggie Corbin & Chris Kitchen (PSCAA)</p>	<p>Resource Room</p>
5:00 – 8:00pm	Exhibitor's Reception - Bays 3-4			
8:00 - 9:30pm	Young Professional Ice Cream Social - Bay 1A			

Wednesday, October 12, 2022

6:30 – 7:30am					Tubbs Hill Fun Run – meet in Hotel Lobby at 6:30 AM				
					Registration for Conference - C.C. Reg				
The Shore (Track 1) Air		Bay 1A (Track 2) Plus More Environmental Aspects		Bay 1B (Track 3) Air		Bay 2 (Track 4) Environmental Challenge			
PM and Smoke		Innovative Technology Solutions Part 1		Greenhouse Gases Part 1		Environmental Challenge			
Session III 08:00 – 09:30am	Chair: Katie Kolesar (Air Sciences)		Chair: Ward McDonald (Haley & Aldrich)		Chair: Chris Kitchen (PSCAA)		Chair: Melody Kieneker (Farallon)		
	Smoke from 2017 Eagle Creek Fire and Projections of Future Smoke - Darold Ward (Enviropryomics) An Oregonian Experience to Yet Another Challenging Wildfire Season - Merlyn Hough (Ret LRCAA) 2021 Western Wildfire Smoke Air Quality Assessment - Matthew Mavko (Air Sciences)		The New Generation of User-friendly, High-precision Instruments for Continuous Monitoring of Hazardous Air Pollutants - Milos Markovic (Picarro Inc.) Landfill Gas Reinjection - Robin Priddy (BCAA) Use of Acetic Acid as an Anti-Biofouling Post Treatment for SCOBY Filtration Membranes - Matthew Fronk (Montana Tech)		WA Cap-and-Invest Program 101 - Eric Albright (Landau Assoc) Washington's New and Emerging Climate Regulations – Impacts on Industrial Facilities - Annika Wallendahl (Geosyntec) Solid Waste Management & the Climate Commitment Act - Kelle Vigeland (City of Spokane)		Final Presentations		
9:30 – 10:00am					Refreshments – Bays 3-4				
Smoke Management and Monitoring in WA		Remediation		Greenhouse Gases Part 2		Environmental Challenge			
Session IV 10:00 – 11:30am	Chair: Neil Hodgson (Ecology)		Chair: Karin Baldwin (Ecology)		Chair: Amy Peccia (Hampton Lumber)		Chair: Melody Kieneker (Farallon)		
	How Smoke Management Works / The Daily Burn Decision - Paul Rossow (Ecology) Small Sensors and How They are Performing - Nate May (Ecology) Smoke Management and Air Quality Data - Neil Hodgson (Ecology)		Nitrate and Selenate Removal from Mine Impacted Water in Saturated Rock Fills - Chris Wend (Teck Coal Limited) Water Quality Management Improvements at Coeur's Silvertip Mine - Erin Hallenburg (Coeur Mining) Seasonal Contaminant Transport Trends in a Mercury Mine Impacted Watershed - Steve Dent (CDM Smith)		Estimating Construction Greenhouse Gas Emissions for Projects – Exploring Washington's GREET Model - Christopher Lovett, Rachel Kane, Annika Wallendahl (Geosyntec) NW Natural's Low Carbon Pathway: Vision 2050 - Kellye Dundon (NW Natural) Up, Up, and Away! Greenhouse Gases and Into the Future - Annika Wallendahl (Geosyntec), Christopher Lovett (Geosyntec), Eric Albright (Landau Assoc), Kelle Vigeland (City of Spokane), Kellye Dundon (NW Natural)		Final Presentations		
12:00 – 1:30pm					Presidents' Recognition Luncheon – Bays 3-4				
Air Quality Monitoring		Forever Chemicals		Emissions Calculations in Support of Air Permitting		Environmental Challenge			
Session V 1:30 – 3:00pm	Chair: Lilyann Bauder (T-O Engineers)		Chair: Matt Mavko (Air Sciences)		Chair: Maggie Corbin (PSCAA)		Chair: Melody Kieneker (Farallon)		
	Designing a Successful Targeted Air Shed Grant Project - Data-driven Introverts Need Not Apply! - Dan Smith (IDEQ) Leveraging Low-cost Sensors for Air Monitoring - Katie Kolesar (Air Science) QA for Small Sensors and Nephelometer Data - Nate May (Ecology)		PCB Mineralization in Contaminated GW Using UV/AOP – John Haney (Haley & Aldrich) Determination of PFAS Removal Efficiency by a Non-Destructive Solids Treatment Unit - Kristina Schafer (Montrose) & Bryan Vining (Ethalpy) AFFF Disposal: A PFAS Soaked Gordian Knot - Sean Smith (Ecology)		Development of Emissions Calculations and Permitting Approach for Novel Processes and Greenfield Facilities - Sam Najmohoda (Trinity) Developing the Potential to Emit for Joint Base Lewis-McChord, Tacoma Washington - Diane Roberts (Joint Base Lewis McChord) Air Quality Emission Factors – What Do You Mean I Can't Use AP-42? - Beth Fifield Hodgson (Spring Environmental) Why Care About How Your Emissions Are Calculated - Crystal Rau (NWCAA)		Evaluations		
3:00 – 3:30pm					Refreshments – Bays 3-4				
Modeling Part 2		Innovative Technology Solutions Part 2		Enforcement/Compliance		Environmental Challenge			
Session VI 3:30 – 5:00pm	Chair: Eric Albright (Landau)		Chair: Erin Hallenburg (Coeur Mining)		Chair: Aissata Cisse (PSCAA)		Chair: Melody Kieneker (Farallon)		
	Ins and Outs of Air Dispersion Modeling. What I Should Know? <u>Panel</u> Jay McAlpine (EPA R10) Kevin Schilling (IDEQ) Tes Berhane (Ecology)		Mechanical and Growing Limitations of SCOBY Membranes - Ravyn Goodwin (Montana Tech) Reducing the Cost of Bacterial Cellulose in Kombucha via Sugar for Industrial Use - Gavin Rahl (Montana Tech) Electric Vehicle Trends and Resources - Merlyn Hough (Ret LRCAA)		Friend or Foe. What to Know When A Regulator Comes Knockin' <u>Panel</u> Christopher Kitchen (PSCAA) Ethan Bean (Ecology) Shawn Sweetapple (IDEQ)		Evaluations		
6:00 – 9:00pm					GALA Event – Social Cruise to Dinner at Hagadone Event Center (Boarding 5:30 to 6, dinner at 7, Boarding return boat 9 to 9:30)				

Thursday, October 13, 2022

Registration for Conference - C.C. Reg				
7:00 - 8:00am	The Shore (Track 1) Air	Bay 1A (Track 2) Plus More Environmental Aspects	Bay 1B (Track 3) Air	Bay 2 (Track 4) Young Professionals
	Innovative Compliance Strategies	Wastewater and Stormwater	Environmental Justice	Young Professionals
	Chair: David Finley (Ecology)	Chair: Stephen Coe (Water & Environmental Technologies)	Chair: Tanya Williams	Chair: Betsy Cochran (Spring Environmental)
Session VII 08:00 – 09:30am	Improving Aldehydes and Acrolein Measurement Accuracy in Industrial Emission Testing - Sucha Parmar (Atmospheric Consulting)	NPDES Permit Origins, Implementation, and Current Challenges - Nathan Soccorsy (Anchor QEA)	Using EJ Maps to Prioritize Inspections of Hazardous Waste Sites - Ginger Wireman (Ecology)	Environmental Management: Fundamentals in Industry - Janna Loeppky (Avista)
	Case-Study: Naturally Occurring Radioactive Materials Waste Management in Oregon - Melody Kieneker (Farrallon Consulting)	Industrial Stormwater Management in Oregon - Parker Emahiser (Farrallon Consulting)	The Improving Air Quality in Overburdened Communities Initiative - Caroline Meilor and Rylie Ellison (Ecology)	Credentials for Environmental Professionals - Kristina Schafer (Montrose)
	Permitting of Prototypes - Wess Safford (SWCAA)	Feasibility of Continuous Production of SCOBY Membranes for Air and Water Filtration - Ben Schreiber (Montana Tech)	Exposure to Power Outages, Extreme Heat, and Wildfire Smoke in Washington State - Claire Richards (WSU)	Public Speaking - Agata McIntyre (NWCAA)
		The Role of Mixing Zone Studies in Wastewater Discharge Permitting – Christina Brow (SLR)	One-size Doesn't Fit All: Scoping Environmental Justice Frameworks - Meghan Conway (Ramboll)	Do I Really Need to Network? – Beth Fifield Hodgson (Spring Environmental)
09:30 – 10:00	Refreshments – Bays 3-4			
	Stack Testing	Water Quality	Networking	Networking
	Chair: Steve VanSlyke (PSCAA)	Chair: Kumar Ganesan (Montana Tech)		Chair: Betsy Cochran (Spring Environmental)
Session VIII 10:00 – 11:30am	Adventures in Asphalt Plant Testing – Joe Southwell (SRCAA)	Arsenic in Ground Water in Bangladesh and Its Possible Impacts on Human Health - Mohammed Islam (Washington State University)	Join Speed Networking and Enhance Your Business Relationships and Opportunities	Speed Networking
	Lowering Reported PM 2.5 Emissions from "Wet" Stacks – James Guenthoer (Clean Air Engineering)	Industrial Wastewater Reuse - Stacy Lamer (Carollo)		
	Condensable PM Test Method Comparisons – Evolution & Appropriate Uses - Steve VanSlyke (PSCAA)	Navigating Washington Water Quality Standards in the Spokane River - Doug Krapas (Inland Empire Paper) [40-minute presentation]		
	Low Level TNMNEHC Emission Measurements from Stationary Sources - Sucha Parmar (Atmospheric Consulting)			
12:00 – 1:30pm	Awards Luncheon – Bay 3-4			
2:00 – 4:00pm	Exhibitor Breakdown - Bays 3-4			
2:00 – 4:00pm	Plant Tours (Bunker Hill Mine, Inland Empire Paper, Wallace - Step Back to the Mining Frontier)			