

PNWIS 2023 – Draft Conference Schedule

| Tuesday, October 24, 2023 | | | | |
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| | Deer Hall A | Billy Frank Hall | | |
| 1:00 – 5:00pm | PNWIS Board Meeting | Professional Development – Cumulative Risk and Cumulative Impacts | | |
| Wednesday, October 25, 2023 | | | | |
| | Deer Hall A | Billy Frank Hall | | |
| 08:00 – 12:00 | PNWIS Annual Mtg (9 AM – 11 AM) | Professional Development – Cumulative Risk and Cumulative Impacts | | |
| 1:00 – 1:45 pm | PNWIS 2023 Welcoming Ceremony and Opening Remarks: PNWIS 2023 Conference Chairs Chris Kitchen and Roylene Cunningham Keynote Speaker - Regional Administrator Casey Sixkiller, EPA Region 10 Deer Hall | | | |
| | Deer Hall A | Deer Hall B | Billy Frank Hall | Chico |
| Session 1 | Emission Inventories and SEPA Review Chair: Lilyann Bauder (Landau) | Air Quality Program Challenges and Opportunities Chair: Mark Buford (Northwest CAA) | Environmental Management and Environmental Management Systems Chair: Open | Noise and Vibration Monitoring and Analysis Chair: Kevin Warner (Landau) |
| 2:00 – 3:30pm | Speaker - Pending Confirmation EPA Proposed Air Emissions Reporting Requirements Speaker - Pending Confirmation EPA Proposed Air Emissions Reporting Requirements Crispina O'Connor (ERM) Latest Trends in State Environmental Policy Act Maddie Coates (Trinity) Navigating the Challenges of Data Center Air Dispersion Modeling in the Pacific Northwest | Chrissy Cooley Puget Sound CAA Jeff Johnston Olympic Regional CAA Kathy Taylor Washington Ecology | Jenelle Scott (Spring Environmental) Congratulations! You are a new Environmental Manager Jeromy Adams (Tacoma City Light) Title not yet provided Jason Flowers (Geosyntec) Integrated Wastewater Management Strategies for Industrial Facilities Open | Kristen Wallace Landau Adam Jenkins Greenbusch Justin Morgan Greenbusch |
| 3:30 – 3:45 pm | Refreshments – Whale and Salmon Halls | | | |

| Session 2 | <i>Air Permitting Challenges</i> <i>Chair: Crystal Rau (Northwest CAA)</i> | <i>Cumulative Risk & Impacts</i> <i>Chair: Steve Van Slyke (Puget Sound CAA)</i> | <i>Innovative Solutions to Managing Waste</i> <i>Chair: John Haney (Haley & Aldrich)</i> | <i>Environmental Challenge</i> |
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| 3:45 – 5:15pm | <p>Robyn Jones (Northwest CAA) Anaerobic Dairy Digester Permitting – Lessons Learned</p> <p>Lauren Whybrew* (Olympic Regional CAA) Navigating Compliance and Permit Writing: A Cautionary Tale of PM Control Proposals at a Planer Mill</p> <p>Ben Hubertus* (Trinity) Air Permitting Challenges for the Renewable Natural Gas Production Industry</p> <p>David Finley* (Washington (Ecology)) Permitting the Use of Renewable Diesel Fuel for Backup Generators</p> | <p>Summary and Discussion from Professional Development Program on Cumulative Impacts and Cumulative Risks</p> | <p>Huckleberry Palmer (Washington Ecology) On the Road with an Eastern Washington State Toxic Reductionist</p> <p>Melissa McAfee (Puget Sound CAA) and MengChiu Lim (Washington Ecology) Soil Vapor Extraction and Electric Resistance Heating Case Study</p> <p>Jeff Pratt* (GeoEngineers) Source Assessment Tools for Determining Relative Petrogenic and Pyrogenic PAH Contributions to a Mixed Sediment Environment</p> <p>Invited Speaker</p> | <p>Introduction for Students</p> |
| 5:30 – 7:00pm | Exhibitor's Reception – Whale and Salmon Halls | | | |

Thursday, October 26

| 7:00 AM | | | | |
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| Polar Bear Plunge | | | | |
| | Deer Hall A | Deer Hall B | Billy Frank Hall | Chico |
| Session 3 | Modeling Chair: Jay McAlpine (EPA) | Climate Change/GHG Calculations Chair: David Finley (Washington Ecology) | Vapor Intrusion Panel Discussion Chair: Paul Ecker (EES Environmental) | Environmental Challenge |
| 8:30 – 10:00 am | Jay McAlpine (EPA) Revisiting PSD increment analysis - a review of rules, methods, and policies Pao Baylon (Ramboll) A Closer Look at the Five NOx Chemistry Options in AERMOD: Case Study in Idaho Jeff Leadford* (SCS Engineers) Modeling Fugitive Methane Emissions With Drones Owen Rudloff* (Oregon DEQ) Dos and Don'ts of Data Center Modeling in Oregon | Nancy Liang (Trinity) Best Practices in Calculating Carbon Intensity for Complex Facilities Kyle Heitkamp (Landau) Title not yet provided Annika Wallendahl (Geosyntec) Title not yet provided | Bonnie Brooks Washington Ecology Henning Larson and Franziska Landes Oregon DEQ Lisa Goode Geosyntec Blayne Hartman Hartman Environmental Geoscience | Presentations by Students |
| 10:00 - 10:30 am Refreshments – Whale and Salmon Halls | | | | |
| Session 4 | Source Testing Chair: Carl Slimp (Puget Sound CAA) | CCA/GHG Reporting Chair: Kyle Heitkamp (Landau) | PFAS and Emerging Chemicals Chair: Aissata Cisse (Puget Sound CAA) | Environmental Challenge |
| 10:30 – noon | Kristina Schafer (Montrose) Title not yet provided Daniel Soderberg (Soderberg Polytechnic) - tentative Title not yet provided Carl Slimp (Puget Sound CAA) Observing Source Tests from an Agency Perspective OPEN | Laura Cladas (Washington Ecology) Emma Barrett (Washington Ecology) WA GHG Reporting: The Foundation of Cap-and-Invest Yara Boonyarattaphan (Landau) Title not yet provided James Graves (Stoel Rives) Washington's Cap-and-Invest Program Marty Johnson* (Ash Grove) New EITE Data Reporting Under the Washington Climate Commitment Act | Jenn Wynkoop (Landau) PFAS in Waste Streams Tom Wanzek (Geosyntec) Title not yet provided Calvin Rhodes* (Aquagga) Ending the Forever Cycle: Complete PFAS Separation and Destruction Open | Presentations by Students |
| 12:00 – 1:30pm Presidents' Luncheon – Whale and Salmon Halls | | | | |

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| Session 5 | <p align="center">Monitoring Chair: Evan Bing (Northwest CAA)</p> | <p align="center">Clean Fuels Panel Discussion Chair: Kathy Strange (Puget Sound CAA)</p> | <p align="center">Environmental Considerations for Military Bases Chair: Diane Roberts (JBLM)</p> | <p align="center">Building and Maintaining a Career in the Environmental Field Chair: Betsy Cochran (Spring Environmental)</p> |
| 1:30 – 3:00pm | <p>Milos Markovic (Picarro) The new generation of user-friendly, high-precision instruments for continuous ambient monitoring of hazardous air pollutants (HAPS)</p> <p>Katie Kolesar (Air Sciences Inc) Lessons learned from transportation construction air quality monitoring per Colorado SB260</p> <p>Arthur Mohr Jr (Sniffer Robotics) A New US EPA Approved Drone-Based Method for Surface Emissions Monitoring</p> <p>Nate May* (Washington Ecology) PM Sensors in the Washington Ambient Air Monitoring Network</p> | <p align="center">Abbey Brown (Washington Ecology)</p> <p align="center">Cory-Ann Wind (Oregon DEQ)</p> <p align="center">Rafe Christopherson (SCS)</p> <p align="center">Jim Verburg (WSPA)</p> | <p>Diane Roberts (JBLM) Army Environmental Performance Assessment System</p> <p>Matt Schreck (JBLM) Army Climate Strategy and Implementation</p> <p>Mark Mettler* (JBLM) PFAS Investigations and Remediation at Joint Base Lewis-McChord and Yakima Training Center</p> <p>Open</p> | <p>Priyam Sharma* (Geosyntec) Dealing with Difficult Times in Your Career</p> <p>Alasdair Graham* (Puget Sound CAA) Looking Beyond the Traditional Career Path</p> <p>Krista Kinsey (Simplot) & John Haney (Haley & Aldrich) The Successful Interview</p> |
| Refreshments – Whale and Salmon Halls | | | | |
| Session 6 | <p align="center">CEMs Chair: Krista Kinsey (Simplot)</p> | <p align="center">Air Toxics/Engaging Community Chair: Poppy Milliken (ERM)</p> | <p align="center">Wastewater Management: Chair: Jenelle Scott (Spring Environmental)</p> | <p align="center">Data Management Chair: Shauna McKellar (ERM)</p> |
| 3:30 – 5:00 pm | <p>Calvin Loomis (Air Experts) An Overview of Air Emissions Continuous Emissions Monitoring Systems</p> <p>Marty Johnson* (Ash Grove) Managing a Continuous Emissions Monitoring Program</p> <p>Krista Kinsey (Simplot) Title not yet provided</p> <p>Open</p> | <p>Poppy Milliken (ERM) Environmental Justice and Stakeholder Engagement</p> <p>Graeme Carvlin (Puget Sound CAA) Seattle-Tacoma 2020 Air Toxics Study Preliminary Results</p> <p>Peter Bannister (Aspect) After the Flare Shuts Off: Biofilters Applied to Landfill Gas Treatment</p> <p>Eric Albright Update from Recent A&WMA Environmental Justice Conference</p> | <p>Bob Kisler (Hoffman & Lamson) Automated Solutions for Optimizing Aeration Blowers, Using VFDs & Advanced Controls</p> <p>Joe Kalmar (Landau) Title not yet provided</p> <p>Dan Burgard (UPS) Towards Understanding Dynamic Population Changes Using Biomarkers in Municipal Wastewater: Validation with census and mobile device data</p> <p>Lauryn Guerrissi* (Parametrix) Treatment of cresol in industrial wastewater by chlorine dioxide oxidation: permitting, design, application, and performance.</p> | <p>Dreas Nielsen (Integral) Data Usage is Data Management</p> <p>Shauna McKellar (ERM) ITRC Environmental Data Management Work Products</p> <p>Open</p> <p>Open</p> |
| GALA Event – Kiana Lodge | | | | |

Friday, October 27, 2023

| | Deer Hall A | Deer Hall B | Billy Frank Hall | Chico |
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| Session 7 | Issues Relating to Ambient Air Quality Standards Chair: Beth Fifield Hodgson (Spring Environmental) | Emission Reduction Projects Chair: Lester Keel (HF Sinclair) | Legislative Updates Chair: Erica Doctor (Vanderberg, Johnson & Gardara) | Waste Management/Sustainability Chair: Josh Hudgins (Budlinger & Associates) |
| 8:30 - 10:00 am | Invited Speakers Open Open | Kristofer Siriunas British Columbia's proposed methane reduction regulations for the oil and gas sector Beth Carper (PSCAA) The Importance of Reducing Emissions from Rail Yards Merlyn Hough (University of Portland) Electric Vehicle Headlines and Trends in 2023 Kurt Miller (Northwest RiverPartners) We Cannot Have a Renewable Energy Future Without Prioritizing Equity | Jeff Hunter (Perkin Coie) Brian Bunger (Holland & Knight) Steve Shropshire (Jordan Ramis) Erica Doctor (VJG) | Priyam Sharma* (Geosyntec) Multiple Lines of Evidence to Illustrate Low Vapor Intrusion Risk Open Open |
| 10:00 - 10:30 am | Refreshments – Whale and Salmon Halls | | | |
| Session 8 | Odor/Composting Chair: Madeline McFerran (PSCAA) | Benzene Waste Operation NESHAP Panel Discussion Chair: Shannon Logan (Marathon) | Legislative Updates Chair: Erica Doctor (Vanderberg, Johnson & Gardara) | After the waste – what can go wrong, and how to make things right Chair: Sheila Smith (Emerald Services) |
| 10:30 – noon | Alfredo Arroyo (ERM) Title not yet provided Mark Goodin (Olympic Regional CAA) Title not yet provided Annie Klinke* (Landau) Title not yet provided Susan Thoman (CMA) Title not yet provided | Ruth Benning BWON Solutions Steve Probst 4C Conference Ryan O'Larey BP/Whiting | Jeff Hunter (Perkin Coie) Brian Bunger (Holland & Knight) Steve Shropshire (Jordan Ramis) Erica Doctor (VJG) | Liz Luecker (Jacobs) TSDF/Used Oil Recycling/LQG Partial Closures Jessi Massingale (Floyd/Snider) Lance Moen (PBS Engineering) Pasco Landfill NPL Site: The Regulatory CAMU Process and Hazardous Waste Management of the Zone A Drum Removal Action Josh Hudgins (Budinger & Associates) Kaiser Aluminum NPL Groundwater Remediation of Cyanide, Fluoride, and Nitrate Contamination Using Wetland and Electrocoagulation Water Treatment |
| 12:00 – 1:30pm | Awards Luncheon – Whale and Salmon Halls | | | |

* Young Professional

** Student