

PNW SETAC 2025 Annual Conference Boise, ID Agenda (DRAFT Feb 12, 2025)					Conference Dates: April 14-16, 2025	
Grand Ballroom (Cedar/Aspen) and Evergreen Rooms at <i>The Grove</i> : 245 S Capitol Blvd Boise Idaho 83702 Tel: (208) 333-8000						
4/13/2025 - Optional Social Activity & Dinner Meet Up: Locations & Details TBD						
4/14/2025					*indicates student is being evaluated for Presentation Award	
Time Start	Time End	Room/Location	Moderator	Session Title	Title of presentation	Speakers
9:00 AM	9:30 AM	Landing	Conference Opens, Check-in, and Networking - Coffee refreshments			
9:40 AM	10:00 AM	Cedar/Aspen	Mark Surette	Welcome Address by Chapter Vice President		
10:00 AM	11:00 AM	Cedar/Aspen	Plenary Speaker	Title: TBD		Chairman Mason of the Shoshone Paiute Tribe
11:00 AM	11:20 AM	BREAK/NETWORKING				
11:20 AM	3:10 PM	Session 1: Mountains to Sea - Cross Systems Thinking: Mining				
11:20 AM	11:40 AM	Cedar/Aspen	Moderator:	Long-term trends in metals and nutrients guide remediation and demonstrate success at a northern Idaho Superfund site		Lauren Zinsser
11:40 AM	12:00 PM	Cedar/Aspen		Documenting the Bunker Hill lead poisoning story: An interdisciplinary approach to science communication		Whitney Schroeder
12:00 PM	12:20 PM	Cedar/Aspen		Critical minerals in the State of Idaho: Rewriting a mining legacy or repeating mistakes of the past?		Ian von Lindern
12:20 PM	1:30 PM	Evergreen	Lunch provided at The Grove Hotel Meeting Rooms			
1:30 PM	1:50 PM	Cedar/Aspen		Reevaluating the Legal Framework for the Future of Modern Critical Mineral Mining: Considering Public Health Risks in the Age of Clean Energy		Faith Quigley*
1:50 PM	2:10 PM	Cedar/Aspen		Increasing Tribal participation in the determination of mining on Indigenous lands: The Shoshone-Paiute Tribe Seven Generations Project		Casey Bartrem
2:10 PM	3:10 PM	Cedar/Aspen	Panel Session I: Tribal perspectives on the intersection of environmental health, resource management, and preserving traditional ways of life amidst the ongoing pressures of modern industry: Racheal Thacker, Tribal Chairman Brian Mason, Shoshone-Paiute Tribe with Leigh Bitsilly, Chris Cleveland			
3:10 PM	3:30 PM	BREAK/NETWORKING				
3:30 PM	5:10 PM	Session 2: Mountains to Sea - Cross Systems Thinking: Human Health & Contaminant Exposure				
3:30 PM	3:50 PM	Cedar/Aspen	Moderator:	Salinity and Organochlorine Pesticide Contamination in Drinking Water in the Aral Sea Region of Karakalpakstan, Uzbekistan		Marina R Steiner*
3:50 PM	4:10 PM	Cedar/Aspen		Reel Partnership: King County Collaborates with Refugee and Immigrant Fishers to Advance Community Health		Jennifer Lanksbury
4:10 PM	4:30 PM	Cedar/Aspen		Metals, POPs, PFAS and Nutrients in Commercially Important Marine Fish Species from Alaska and their impact on fish consumption		Christoff Furin
4:30 PM	4:50 PM	Cedar/Aspen		Feeln' the Burn: Localized Air Quality Study in Oregon's Willamette Valley		Julie Layschok
4:50 PM	5:10 PM	Cedar/Aspen		Educational Programming in Support of Domestic Mining		Peter Mullner & Steve Crowley
5:30 PM	7:00 PM	Evergreen	POSTER SESSION I: hor d'oeuvres and refreshments			

Tuesday April 15, 2025						
Time Start	Time End	Room/Location	Moderator	Session Title	Title of presentation	Speakers
8:30 AM	08:55 AM	Landing		Conference opens, networking and coffee refreshments		
9:00 AM	11:00 AM	Session 3: Rivers and Freshwater Systems: Storm Water & Monitoring				
9:00 AM	9:20 AM	Cedar/Aspen	Moderator:	Canary in the Creekbed: Real-Time Flow-Through Experiments Demonstrate Urban Runoff's Role in Coho Salmon Declines		Nathan Ivy*
9:20 AM	9:40 AM	Cedar/Aspen		Daylighting the urban stream syndrome in river restoration		Nat Scholz
9:40 AM	10:00 AM	Cedar/Aspen		6-PPD Quinone (6-PPDQ) in Sediment: Measurement, Occurrence and Partitioning		Jamie Fox
10:00 AM	10:20 AM	Cedar/Aspen		River Restoration Along Urbanization Gradients: A Salmon Metapopulation Perspective on Stormwater in Restored Habitats		Julann Spromberg
10:20 AM	10:40 AM	BREAK/NETWORKING				
10:40 AM	12:00 PM	Session 4: Rivers and Freshwater Systems: Storm Water & Toxicity				
10:40 AM	11:00 AM	Cedar/Aspen	Moderator:	Investigating acute and sublethal toxicity of para-phenylenediamine derivatives in coho salmon (<i>Oncorhynchus kisutch</i>) for		Anastasia McConachie*
11:00 AM	11:20 PM	Cedar/Aspen		Primary and immortalized cell models for evaluating the toxicity of 6PPD-quinone and other stormwater pollutants		Justin Greer
11:20 AM	10:40 AM	Cedar/Aspen		Coho alevin studies reveal the neurotoxicity of 6-PPD-quinone, the tire rubber compound responsible for widespread coho salmon mortality syndrome		John Incardonina
11:40 AM	12:00 PM	Cedar/Aspen		Lethal and Sublethal Effects of 6PPD-quinone on Coastal Cutthroat Trout		Prarthana Shankar
12:00 PM	1:20 PM	Evergreen	LUNCH			
1:20 PM	4:15 PM	Session 5: Mountains to Sea: Risk Assessment				
1:20 PM	1:40 PM	Cedar/Aspen	Moderator:	Integrating a One Health Approach through Addition of Biological and Ecological Endpoints into Comprehensive E-Flows Assessments for the Limpopo River Basin, southern Africa		April D. Reed
1:40 PM	2:00 PM	Cedar/Aspen		Human Health Risk Evaluation Approach for Recreating on CDA Lake		Jeremy Johnson
2:00 PM	2:20 PM	Cedar/Aspen		A framework and basic rules for the use of quantitative methods for the estimation of probability based ecological risk assessment and management within the diverse landscapes of the Pacific Northwest		Wayne G. Landis
2:20 PM	2:40 PM	Cedar/Aspen		Comparison of the Risk Assessment Process Using Discrete and Incremental Sampling Methodology for a Remote Site in Alaska		Grant Walter
2:40 PM	3:00 PM	Cedar/Aspen		Risk Assessment in the Last Frontier		Marianne Batchelder
3:00 PM	3:20 PM	BREAK/NETWORKING				
3:20 PM	4:00 PM	Session 6: Ocean and Estuarine Systems: Pollutant Impacts				
3:20 PM	3:40 PM	Cedar/Aspen	Moderator:	An in vitro approach for assessing orca skin health: focus on antiviral immunity		John Hansen
3:40 PM	4:00 PM	Cedar/Aspen		The effects of imidacloprid and polyester microfibers on the larval development of the endangered Sunflower Star		Allie Tissot
4:00:00 PM	5:00 PM	Cedar/Aspen	Panel Session II: Bunker Hill Remediation and Mitigation Efforts and the Future of Coeur d'Alene Lake. Susan Spalinger, Rebecca Stevens, Jamie Brunner			
5:00 PM	5:45 PM	Cedar/Aspen	Michelle Knowlen	President's address		
			Sarah Hutton	Treasurer's Report		
			Mark, Stacey, Denis	SETAC NA		
				Board Nominations		
				Feedback from Members		
5:45 PM	7:15 PM	Evergreen		POSTER SESSION II: hor d'oeuvres and refreshments		
9:00 PM	11:00 PM	TBD	Marina Steiner	Student Mixer		

Wednesday April 16, 2025						
Time Start	Time End	Room/Location	Moderator	Session Title	Title of presentation	Speakers
8:30 AM	9:00 AM	Evergreen/Landing	Coffee, Refreshments, and Networking			
9:00 AM	10:20 AM	Session 7: Rivers and Freshwater: Ecological Toxicity				
9:00 AM	9:20 AM	Cedar/Aspen	Moderator:	Finding Goldilocks: aquatic life criteria for copper that are too simple, too complicated, or just about right		Chris Mebane
9:20 AM	9:40 AM	Cedar/Aspen		Quashing quagga: Fate and effects to the benthic community of a copper treatment to eradicate invasive mussels in a large western river		Austin Baldwin
9:40 AM	10:00 AM	Cedar/Aspen		Acute lethal and sublethal toxicity of anticoagulant rodenticides on Pacific salmon		Jen McIntyre
10:00 AM	10:20 AM	Cedar/Aspen		Spatial and temporal trends of mercury in fish from Duck Valley Indian Reservation reservoirs, southwestern Idaho and northern Nevada, 2007-2024		Erin Murray
10:20 AM	10:40 AM	Break				
10:40 AM	12:00 PM	Session 8: Ocean and Estuarine Systems: Environmental Monitoring				
10:40 AM	11:00 AM	Cedar/Aspen	Moderator:	How to Assess and Integrate Low PAH Bioavailability into a CERCLA Marine Risk Assessment; Bremerton Gas Works Superfund Site		Ariel Blanc
11:00 AM	11:20 AM	Cedar/Aspen		Co-Producing a Toxics Research Agenda for Puget Sound Recovery		Sandra Dorning
11:20 AM	11:40 AM	Cedar/Aspen		Rising Sea Surface Temperatures in Western Aleutian Islands, Alaska Associated with Decadal Increase in Steller Sea Lion Pup Total Mercury Concentrations		Lorrie Rea
11:40 AM	12:00 PM	Cedar/Aspen		Decades of citizen-driven environmental hydrocarbon monitoring from Prince William Sound, Alaska		Morgan Bender
12:00 PM	12:10 PM	Student Awards				
12:10 PM	12:20 PM	Closing Remarks	Michelle Knowlen			
12:30 PM	4:00 PM	Cedar/Aspen	In-Person Short Course (with Lunch for participants) Sign up is required	Title: Python Scripting for Environmental Professionals: How to Think Like a Computer Scientist		Gunnar Guddal
Optional Social Event Field Trip or Hike - TBD Wednesday afternoon						

Poster Galas and Presidents' Receptions Monday and Tuesday 4/14/2025- 4/15/2025					*indicates student is being evaluated for Presentation Award	
*Time Start	*Time End	Room/Location	Poster number	Session Title	Title of presentation	Speakers
05:30 PM	7:00 PM	Evergreen	2	Poster Session I (Monday); Even #'s present	Filter Socks: A Simple, In-Line Addition to Optimize Fiber Capture in Microplastic Sampling	Lori-jon Waugh*
05:30 PM	7:00 PM	Evergreen	4	Poster Session I (Monday); Even #'s present	A weight of evidence approach for diagnosing contaminant plume persistence due to back diffusion using Bayesian networks	April Reed
05:30 PM	7:00 PM	Evergreen	6	Poster Session I (Monday); Even #'s present	Exploring Iron, Manganese, and Zinc Behavior in a campus constructed wetland	Grace Landaverde*
05:30 PM	7:00 PM	Evergreen	8	Poster Session I (Monday); Even #'s present	Acute Toxicity of Cobalt to a Freshwater Fish (Pimephales Promelas) and the Water Flea (Ceriodaphnia dubia)	Crystal Still
05:30 PM	7:00 PM	Evergreen	10	Poster Session I (Monday); Even #'s present	Toxicity Identification Evaluation (TIE) for an Idaho Metals Mine: Possible Sources of Concern Point to Explosives	Danielle Mulligan
05:30 PM	7:00 PM	Evergreen	12	Poster Session I (Monday); Even #'s present	Evaluation of the Response of Juvenile Coho Salmon to a Pulsed Exposure of an Alkaline Brine Solution	Jay Word
05:30 PM	7:00 PM	Evergreen	14	Poster Session I (Monday); Even #'s present	Roadway Runoff Induced Mortality in Juvenile Coho Salmon During Spring Storm Events	Marlee Brown*
05:30 PM	7:00 PM	Evergreen	16	Poster Session I (Monday); Even #'s present	CCPD: A Potential Safer Alternative to 6PPD for the Environment	Robert Campbell
05:30 PM	7:00 PM	Evergreen	18	Poster Session I (Monday); Even #'s present	Sensitivity of Pacific lamprey to 6PPD-Q	John Hansen
5:45 PM	7:15 PM	Evergreen	1	Poster Session II (Tuesday), Odd #'s present	Dispersed Microplastics in Brazilian Rivers Without Control, Monitoring and Environmental Protection Legislation	Maria Carolina de Almeida
5:45 PM	7:15 PM	Evergreen	3	Poster Session II (Tuesday), Odd #'s present	Harnessing the power of splCP-MS in the study of nanogeochemical processes	Brianna Benner*
5:45 PM	7:15 PM	Evergreen	5	Poster Session II (Tuesday), Odd #'s present	Our Seafood, Our Knowledge - Developing a baseline for hydrocarbon concentrations in Alaskan coastal subsistence foods	Morgan Bender
5:45 PM	7:15 PM	Evergreen	7	Poster Session II (Tuesday), Odd #'s present	Risk Assessment of Microplastics and Comparison of Species Sensitivity Distribution Methods	Sara J. Hutton
5:45 PM	7:15 PM	Evergreen	9	Poster Session II (Tuesday), Odd #'s present	Molecular assessment of nickel toxicity in a non-model marine tunicate to facilitate cell line development.	Celeste Valdivia*
5:45 PM	7:15 PM	Evergreen	11	Poster Session II (Tuesday), Odd #'s present	Effects of PCBs and PBDEs on Chinook salmon populations in Puget Sound, WA	Ruth Sofield
5:45 PM	7:15 PM	Evergreen	13	Poster Session II (Tuesday), Odd #'s present	Stormwater science meets salmon recovery: a new story map for conservationists	Amirah Casey*
5:45 PM	7:15 PM	Evergreen	15	Poster Session II (Tuesday), Odd #'s present	Assessing Water Quality in South Puget Sound Watersheds: The Role of 6PPDQ and Emerging Contaminants	Kiersten Maxwell
5:45 PM	7:15 PM	Evergreen	17	Poster Session II (Tuesday), Odd #'s present	A Comparison of Commonly Used Extraction Methods for 6PPD-q	Ayden Mudd*
5:45 PM	7:15 PM	Evergreen	19	Poster Session II (Tuesday), Odd #'s present	Crayfish suitability for 6PPD-Q pollution biomonitoring in Aquatic Ecosystems	Mary Engels