



PNW-SETAC Chapter Meeting Program

Thursday, April 14, 2005

- 3:30 PM-8:00 PM Conference Check-in, Building 204
- 3:30 PM-7:30 PM On-site Housing Check-in, Building 204 until 5:30 PM, then at Fort Worden Commons
- 5:00 PM-6:00 PM PNW-SETAC Board Meeting, Fort Worden Commons
- 5:30 PM-8:00 PM Welcome Reception & Buffet dinner, Fort Worden Commons
- 7:00 PM-8:30 PM Informal Seminar: "Platform Presentation Techniques – Power Point: Friend or Foe?" by Bruce Hope, Fort Worden Commons

Friday, April 15, 2005

- 7:30 AM-8:30 AM Conference check-in, poster setup, Building 204
- 8:30 AM-9:00 AM Welcome address / SETAC BoD presentation, Building 204
- 9:00 AM-12:00 PM Platform sessions with 20 min break for refreshments and poster viewing
- 12:00 PM-1:30 PM Buffet Lunch, Fort Worden Commons
- 1:30 PM-4:40 PM Platform sessions with 30 min break for refreshments and poster viewing
- 4:40 PM-5:30 PM Poster Social, Building 204
- 6:00 PM-8:30 PM Barbecue at the Beach! Kitchen Shelter on the beach at Fort Worden
- 8:30 PM Maya Soleil Live! At the Upstage, 923 Washington Street., downtown Port Townsend

Saturday, April 16, 2005

- 7:30 AM-8:30 AM PNW-SETAC Business Meeting, Fort Worden Commons
- 8:30 AM-9:00 AM Student Award Presentations / Raffle, Building 204
- 9:00 AM-12:00 PM Platform sessions with 20 min break for refreshments and poster viewing

Friday Morning (April 15, 2005)

Chair: Taku Fuji, Kennedy Jenks

Toxicological Effects of Biocides – Part 1

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| 9:00 | Rick Cardwell, Parametrix Environmental Research Laboratory | Assessing Persistence, Aquatic Toxicity and Risks Posed by a Xylene-Emulsifier Herbicide to Salmonids and Daphnids in Eastern Washington Irrigation Canals |
| 9:20 | Christie Shavey, University of Washington. | Response of Juvenile Rainbow Trout to Pesticides in Surface Waters Within Urban Streams in Western Washington |
| 9:40 | Christopher Monson, University of Washington | Exposure of Fishes to Carbaryl Following Applications to Control Burrowing Shrimp in Willapa Bay, Washington: Pacific Herring and Shiner Perch |
| 10:00 | Catherine Curran, University of Washington | Do Juvenile Salmon Avoid Commonly Used Aquatic Herbicides? |
| 10:20 | Break/Poster Viewing | |

Toxicological Effects of Biocides – Part 2

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| 10:40 | Fred Tilton, Oregon State University | All Dithiocarbamates Elicit a Similar Developmental Toxicity: Do Metals Have a Role? |
| 11:00 | Leah Paisano, Shannon Point Marine Center | Comparative Sensitivity of Pacific Herring, Sea Urchin, and Topsmelt Bioassays to Creosote |
| 11:20 | James Elphick, Nautilus Environmental | Evaluation of the Environmental Safety of a Proposed Ballast Water Biocide: Peraclean Ocean |
| 11:40 | Mariana Tamayo, University of Washington | Response of Aquatic Invertebrate Communities on the Franz Lake National Wildlife Refuge to Mosquito Control Using <i>BTI</i> |
| 12:00 | Lunch | |

Friday Afternoon (April 15, 2005)

Chair: Bob Gensemer, Parametrix, Inc.

Environmental Transport and Degradation

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| 1:30 | Anthony Paulson, U.S. Geological Survey | Mercury Emissions and Lake Deposition: A Qualitative Model and Its Application to lake Whatcom, Washington |
| 1:50 | Sascha Usenko, Oregon State University | Semi-Volatile Organic Compounds in Snow, Lake Water, and Sediment from National Parks in Western North America |
| 2:10 | Vaishnavi Sarathy, Oregon Health & Science University | Pathways of Carbon Tetrachloride Reduction Using Nano Sized Zero Valent Iron |
| 2:30 | Rachel Waldemer, OGI School of Science & Engineering at Oregon Health and Sciences University | The Kinetics of Contaminant Degradation by Permanganate |
| 2:50 | Break/Poster Viewing | |

Risk Assessment

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| 3:20 | Wayne Landis, Huxley College of the Environment | The Selection of Assessment Endpoints for Population and Regional Scale Ecological Risk Assessments and Restoration |
| 3:40 | Laura Sellens, Huxley College of the Environment | Conceptual Model for Environmental Risk Assessment of Genetic Drift in GM Creeping Bentgrass (<i>Agrostis stolonifera</i>) in Eastern Oregon |
| 4:00 | Amanda Pflugst, Western Washington University | Relative Risk Assessment of the Androscoggin River Watershed in Maine and New Hampshire: Conceptual Model and Preliminary Results |
| 4:20 | Meenal Adaikalappan, OGI School of Science and Engineering | Reaction Chemistry and QSAR Analysis for Toxicity Determination of Terpenes |
| 4:40 | Poster Social | |

Saturday Morning (April 16, 2005)

Chair: Bruce Hope, Oregon DEQ

Environmental Toxicology and Sampling

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| 9:00 | Gregory Salata; Columbia Analytical Services | Passive Diffusion Sampling Techniques |
| 9:20 | Richard Caldwell, Northwestern Aquatic Sciences | Sulfide as a Marine Sediment Toxicant |
| 9:40 | Margaret Dutch, Washington State Department of Ecology | Relationships Between Benthic Infaunal Community Structure and Dissolved Oxygen Levels in Bottom Waters of Hood Canal |
| 10:00 | Jim Meador, NOAA Fisheries | Biological Responses of Juvenile Chinook Salmon from Dietary Exposure to Polycyclic Aromatic Hydrocarbons (PAHs) |
| 10:20 | Break/Poster Viewing | |

Data Interpretation

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| 10:40 | Eric Van Genderen, Parametrix, Inc. | Accounting for Background Concentrations of Copper in Surface Waters |
| 11:00 | Bruce Hope, Oregon Department of Environmental Quality | Challenges Facing Environmental Management with Probabilistic Information: A Methylmercury TMDL Example |
| 11:20 | Michael Paine, Paine, Ledge and Associates (PLA) | Trends 'R Us |
| 11:40 | Wrap Up. | |