Exponent Posters and Platform Presentations

SETAC North America 37th Annual Meeting
November 6–10, 2015 | Orlando, Florida

Monday, November 7 – Posters

Exploring Different Service Loss Estimation Approaches for Assessing Sediment Injury in Natural Resource Damage Assessment
Authors: Michael Kierski, Pieter Booth, Melanie Edwards, and Jane Ma
Session: Aquatic Toxicology and Ecology - Poster Only - Part 1
Poster ID: MP248

Development of Site-Specific Water Quality Criteria: A Detailed Look at Water-Effect Ratio (WER) Testing and Application
Authors: Josie Nusz
Session: Scientific Advances Supporting Aquatic Life Water Quality Criteria Derivation
Poster ID: MP178

Assessing Risk for Consumer Products Under California’s Proposition 65 Regulations
Authors: Ankur Singhal, Michael Posson, Antony Jones, Patrick Sheehan, Renee Kalmes, Jamie Schenk
Session: From Source to Sink: Consumer Product Chemical Exposures and Exposure Pathways
Poster ID: MP156

Potential Human Toxicity of Petroleum Biodegradation Metabolites in Groundwater Samples from Fuel Release Sites
Authors: Asheesh Tiwary, Renae Magaw, Dawn Zemo, Kirk O’Reilly, Sungwoo Ahn, Rachel Mohler, and Catalina Devine
Session: Integrated Environmental Assessment and Management - Poster Only
Poster ID: MP326

Hand-to-Mouth Contact Frequency among Adults: A Review of the Literature and Recommendations for Future Studies
Authors: Alison Gauthier, Ryan Lewis, Renee Kalmes
Session: From Source to Sink: Consumer Product Chemical Exposures and Exposure Pathways
Poster ID: MP159
Monday, November 7 – Platform Presentations

Revisiting the Avian Eco-SSL for Lead: Recommendations for Revision

Authors: Bradley Sample, Nelson Beyer, Mark Johnson, R. Wentsel
Session: Soil Contaminants: Fate, Bioavailability, Environmental Toxicology and Risk Assessment - Part 2
ID: 187
Location: I3 I4
Presentation Start Time: 3:00 PM

Tuesday, November 8 – Posters

Strategic Planning of Studies to Evaluate Controls on Mercury Bioavailability and Use of In-Situ Amendments in Tidal Marshes of Berry’s Creek, NJ

Authors: Steven Brown, Betsy Henry, Susan Kane Driscoll, Cynthia Gilmour, Upal Ghosh, Jeff Steevens
Session: Environmental or Analytical Chemistry - Poster Only - Part 2
Poster ID: TP320

An Evaluation of Endpoints From Benthic Invertebrate Chronic Toxicity Tests Based on Draft US FIFRA Guidance – Part II

Authors: Jennifer Gates, Theodore Valenti, Aaron Kabler, Alan Jones, Alan Samel, John Green, Jane Staveley, Bibek Sharma, Sean McGee, Matt McCoole, Jiafan Wang, Maike Habekost, Henry Krueger, Michael Bradley, Christian Picard, Jeffrey Giddings, Mark Cafarella, Susan Thomas, Imad Saab
Session: Science of Sediment Toxicity Testing: Method Advances, Interpreting Results and Use of Data in Ecological Risk Assessments
Poster ID: TP184

Tuesday, November 8 – Platform Sessions

Evaluating the Relative Sensitivity of Endpoints Generated During Midge Life-cycle for US FIFRA Sediment Toxicity Test Requirements- Part II

Authors: Theodore Valenti, Aaron Kabler, Alan Samel, Alan Jones, John Green, Jane Staveley, Bibek Sharma, Matt McCoole, Jiafan Wang, Maike Habekost, Henry Krueger, Susan Thomas, Michael Bradley, Christian Picard, Jeffrey Giddings, Jennifer Gates, Mark Cafarella, Imad Saab, Kevin Henry
Session: Science of Sediment Toxicity Testing: Method Advances, Interpreting Results and Use of Data in Ecological Risk Assessments
Platform ID: 374
Location: I3 I4
Presentation Start Time: 3:40PM
Wednesday, November 9 – Posters

The Unforeseen Challenges of Pollinator Toxicity Test Matrices
Authors: Shari Long, Jane Staveley, Beth Polakoff, Reginald Coler, James Hoberg, Michael Patnaude, Kristin Rathjen
Session: Terrestrial of Wildlife Toxicology and Ecology - Poster Only
Poster ID: WP284

Assessing the Risk to Pelagic Species of the Cyclic Volatile Methyl Siloxane, Octamethylcyclotetrasiloxane (D4)
Authors: Anne Fairbrother, Kent Woodburn
Session: Terrestrial of Wildlife Toxicology and Ecology - Poster Only
Poster ID: WP215

Wednesday, November 9 – Platform Sessions

Can Hydrophobic Organic Chemicals Sorbed to Microplastics Affect Aquatic Organisms? A Review of Laboratory Studies
Authors: Konrad Kulacki, Linda Ziccardi, Karyn Hentz, and Susan Kane Driscoll
Session: Microplastics in the Aquatic Environment: Fate and Effects - Part 2
ID: 538
Location: H1 H2
Presentation Start Time: 1:40PM

A Call to Action: Improving the Usability of Academic Research in Regulatory Decision-Making
Authors: Jane Staveley (Session Chair), Meagan Harris, Duane Huggett, John Sumpter
Session: Making Your Research Relevant to Regulatory Science and Supportive of Decision-Making
ID: 499
Location: A4
Presentation Start Time: 2:00PM

Thursday, November 10 – Posters

Potential Aquatic Toxicity of Petroleum Biodegradation Metabolites in Groundwater Samples from Fuel Release Sites
Authors: Asheesh Tiwary, Renae Magaw, Dawn Zemo, Kirk O’Reilly, Sungwoo Ahn, Rachel Mohler, and Catalina Devine
Session: Aquatic Toxicology and Ecology - Poster Only - Part 4
Poster ID: RP220

Spatial Analysis Methods for Assessing Sediment Injury in Natural Resource Damage Assessment
Authors: Pieter Booth, Jane Ma, and Michael Kierski
Session: Aquatic Toxicology and Ecology - Poster Only - Part 4
Poster ID: RP233
Importance of Source Preparation and Selection Strategies in Chemical Mass Balance Modeling: Source Identification of PAHs in Urban Sediments
Authors: Sungwoo Ahn and Kirk O'Reilly
Session: PAHs in the Real World: Sources, Sinks, Bioavailability and Toxicity
Poster ID: RP128

The Influence of Mixing Energy on the Concentration and Composition of Oil in Laboratory Toxicity Tests
Authors: Susan Kane Driscoll, James Hauri, Konrad Kulacki, Ann Michelle Morrison, Margaret McArdle, Petra Ariette Schierz, Krystle Yozzo, Melanie Edwards
Session: Deepwater Horizon Oil Spill - The Discoveries and Outreach
Poster ID: RP180

Preparing for the new TSCA: How the TSCA Work Plan and EPA Safer Choice Standard Can Help
Authors: Josie Nusz, Elaine Freeman, Jane Staveley
Session: Alternative Assessments Best Practices for Safer Chemistry
Poster ID: RP100

Scientific Integrity Issues and the Applied Environmental Sciences
Authors: William Goodfellow, Jr.; Margaret McArdle; Konrad Kulacki
Session: Designing, Performing, and Reviewing Toxicity Tests for Effective Presentation in Reports and Journals
Poster ID: RP121

Health Risk Assessment of Exposures to a High Molecular Weight Plasticizer Present in Automobile Interiors
Authors: Angela Perez, Monty Liong, Kevin Plotkin, Keith Rickabaugh, Dennis Paustenbach
Session: Poster Only: Late Submissions
ID: RP250

Thursday, November 10 – Platform Sessions

Towards Sustainable Environmental Quality: Priority Research Questions for North America
Authors: Anne Fairbrother, Derek Muir, Keith Solomon, Julie Denton, Jennifer Apell, Kevin Armbrust, Bonnie Blalock, Sarah Bowman, Linda Campbell, George Cobb, Kristin Connors, David Dreier, Marlene Evans, Carol Henry, Robert Hoke, Magali Houde, Heather Sutton, Stephen Klaine, Rebecca Klaper, Sigrun Kulik, Roman Lanno, Charles Meyer, Amelia Ott, Mary Ann Ottinger, Elias Oziolor, Elijah Petersen, Helen Poynton, Pamela Rice, Gabriela Rodriguez-Fuentes, Alan Samel, Joe Shaw, Jeff Steevens, Tim Verslycke, Doris E. Vidal-Dorsch, Scott Weir, Peter Wilson, Gerald Ankley, Alistair Boxall, Murray Rudd, Bryan Brooks
Session: Toward Sustainable Environmental Quality: Identifying Global Research Needs Through the SETAC Horizon Scanning Project
ID: 621
Location: F3 F4 G2
Presentation Start Time: 10:20AM
Testing for Endocrine-Mediated Effects in Vertebrate Ecological Receptors: Potential for Read-across
Authors: Jane Staveley; Elaine Freeman; Margaret McArdle; Lisa Ortego; Katherine Coady; Lennart Weltje.
Session: Strategies for Assessing Chemicals for Endocrine Activity: Making the Best Use of Screening-Level Information
ID: 575
Location: A1
Presentation Start Time: 11:00AM

Review of Current Literature of Cardiotoxicity of Oil to Early Life Stages of Fish for Use in Natural Resource Damage Assessments
Authors: Krystle Yozzo, James Hauri, Susan Kane Driscoll, Margaret McArdle, Ann Michelle Morrison
Session: Chemical and Microbial Environmental Health Threats Associated with Disasters
ID: 685
Location: A3
Presentation Start Time: 3:20PM