Publications and Presentations


**IOSC 2017 Platform Presentations and Posters**

“Comparability of SCAT Observations and Chemical Analytical Data in the Deepwater Horizon Oil Spill,” Greg Challenger and Karen Murray

“Towards an Understanding of the Evolution (Fate and Transport) of the 2010 Deepwater Horizon Oil Spill,” Karen Murray and Paul Boehm


“Fingerprinting of Weathered Oil Residues in Sediments from the Deepwater Horizon Oil Spill: The Importance of Multiple Lines of Investigation,” Karen Murray, John Brown, Linda Cook, and Paul Boehm.

“Natural Resource Damage Assessments: Is Cooperation a Good Thing?” Bob Haddad and Brian Israel.


“Analysis of the Relevance of WAF Preparations to Field Mixing Conditions,” Rob Whittlesey, Timothy Morse, and Ann Michelle Morrison.

Ninth International Conference on Remediation and Management of Contaminated Sediments
January 9-12, 2017 | New Orleans, Louisiana

Platform Chairs

Transport and Fate of Oil Components in Sediments Following Oil Spills
Paul D. Boehm

Passive Samplers
Susan Kane Driscoll

Platform Presentations

Using Sediment Hydrocarbon Fingerprinting to Understand Oil Transport, Distribution and Degradation after the Deepwater Horizon Oil Spill
K.J. Murray, L.L. Cook, J.S. Brown, and P.D. Boehm
Session: Transport and Fate of Oil Components in Sediments Following Oil Spills
Presenter: Karen J. Murray

Addressing Spatial Data Gaps in Deep-Sea Benthic Sediment Sampling Following a Large-Scale Oil Spill
K.R. Palmquist, T.C. Ginn, A.M. Morrison, and P.D. Boehm
Session: Transport and Fate of Oil Components in Sediments Following Oil Spills
Presenter: Katherine Palmquist

The Petro/Pyro PAH Problem: Square Pegs and Round Holes
P.D. Boehm and K. O’Reilly
Session: Contaminant Forensics
Presenter: Paul D. Boehm

Sediment Bioavailability Initiative (SBI): Development of Standard Methods and Approaches for the Use of Passive Samplers in Assessment and Management of Contaminated Sediment
S. Kane Driscoll, R. Burgess, A. Burton, U. Ghosh, P. Gschwend, D. Reible, T. Thompson, and C. Menzie
Session: Passive Samplers
Presenter: Susan Kane Driscoll

An Overview of the Use of the Target Lipid Model to Characterize Toxicity Associated with Oil Spills and Releases from MGP Sites
S. Kane Driscoll, M. Kierski, K. Kulacki, A. Schierz, and M. Mc Ardle
Session: Ecological and Human Health Risk Assessment
Presenter: Susan Kane Driscoll
Evaluation of CSO and Stormwater Discharge Impacts on Sediment Sites: A Case Study

T. Saba, P.D. Boehm, J. Pietari, and L. Cook
Session: Source ID, Loading Assessment, and Control
Presenter: Tarek Saba

Posters

A Spatially-Explicit Food-Chain Model for Guiding Remediation Needs for Contaminated Sediments

C.A. Menzie
Session: Food Chain Models
Presenter: Charles A. Menzie

Evaluation of Site-Specific Background at Refinery Sites

Y Masue-Slowey, L.L. Cook, T. Saba, and P.D. Boehm
Session: International Models for Sediment Management
Presenter: Yoko Masue-Slowey

A Case Against Using Food Web Models to Set Sediment Remedial Goals

K.T. O’Reilly and J. Pietari
Session: Risk-Based Management and Cleanup Decisions
Presenter: Jaana Pietari

Gowanus Canal Is Not Just a PAH Site: PCBs and Metals Are Very Significant Drivers

P.D. Boehm, T. Saba, J. Pietari, N. Johnson, and A. Schierz.
Session: Sediment Quality Guidelines
Presenter: Paul D. Boehm

In-Field Treatment of PCBs and DDx by Activated Carbon: Lessons Learned from the ESTCP Canal Creek and NIH Bailey Creek Projects

C.A. Menzie, B. Amos, and U. Ghosh
Session: Field Scale Application of In Situ Treatment Alternatives
Presenter: Charles A. Menzie

Use of Multiple Sources of Field Data in Assessments of Streams and Rivers

W.L. Goodfellow, R. Kashuba, and C.A. Menzie
Session: Field Sampling Approaches
Presenter: William Goodfellow
Studies to Evaluate Controls on Mercury Bioavailability and Use of In-Situ Amendments in Tidal Marshes of Berry’s Creek, New Jersey

Session: Field Scale Application of In Situ Treatment Alternatives
Presenter: Steven Brown
Monitoring Strategies for In Situ Sediment Remediation Using Activated Carbon

Session: Monitoring and Evaluating Remedy Effectiveness
Presenter: Bennett Amos