

**2010 North American Environmental Field Conference & Exposition**  
**January 12 – 15, 2010**  
**Embassy Suites Hotel USF, Tampa, Florida**

**INDOOR WORKSHOP SCHEDULE**  
*Meeting Rooms, Second Level of Embassy Suites*

**Tuesday, January 12, 2010**

10:15 a.m. – 12:15 p.m.

**Magnolia Room**

- Dissolved Oxygen Sensing Technologies
  - Laura St. Pierre, *YSI Inc., Yellow Springs, OH*

**Citrus Room**

- New Field Monitoring Technologies for In-Situ Landfill/Ground Gas, Mercury Detection and Soil Headspace
  - Geoff Hewitt and Bob Wheelhouse, *Ion Science Americas LLC, Waterbury, VT*

**Palm Room**

- Demonstration of Method Applicability and Quality Control for XRF in Soil Matrices
  - Stephen Dymant, *US Environmental Protection Agency, Washington, DC*

**Cypress Room**

- Wireless Site Monitoring
  - Gregg Gustafson, *Instrumentation Northwest Inc., Kirkland, WA*; Mark Kram, *Groundswell Technologies, Inc., Santa Barbara, CA*

12:15 p.m. – 1:15 p.m. Lunch Break

1:15 p.m. – 5:30 p.m.

(Refreshment Break from 3:15 p.m. – 3:30 p.m. in the Exhibit Hall)

**Magnolia Room**

- Anaerobic Attenuation of Petroleum Hydrocarbons in the Subsurface: Characterization and Enhancement of Natural Processes
  - Lyle G. Bruce, *Consultant (BP Remediation Engineering, Retired)*

**Citrus Room**

- Soil Vapor Sampling for Vapor Intrusion Investigations\*
    - Blayne Hartman, *Hartman Environmental Geoscience Inc., Solana Beach, CA*
- \* This workshop will run from 1:15 p.m. to 3:45 p.m. indoors, then continue outdoors from 4:00 p.m. to 5:30 p.m.



### Palm Room

- Effective DNAPL Site Characterization
  - William M. Davis, *Triad Environmental Solutions Inc., Decatur, GA*; Joe Rossabi, *Redox Tech, Cary, NC*

### Cypress Room

- Proper Drilling and Grouting Practices for a Variety of Geologic Environments
  - Dennis Duty, Jim Mabrey and Mark Whittle, *Baroid Industrial Drilling Products*

5:30 p.m. – 7:30 p.m.

Complimentary Welcome Reception in the Exhibit Hall

Co-sponsored by Schlumberger Water Services and Nielsen Environmental Field School

### Wednesday, January 13, 2010

8:00 a.m. – 12:15 p.m.

(Refreshment Break from 10:00 a.m. – 10:15 a.m. in the Exhibit Hall)

### Magnolia Room

- Incremental and Stratified Sampling Designs for Surface Soil Analyses\*
  - Deana M. Crumbling, *US Environmental Protection Agency, Washington, DC*;  
Robert Johnson, *Argonne National Laboratory, Environmental Science Division, Argonne, IL*  
\*This is Part 1 of an 8-hour workshop – it will resume at 1:15 p.m.

### Citrus Room

- Practical Guidelines for Vapor Intrusion Studies
  - Atul M. Salhotra, *RAM Group, Houston, TX*

### Palm Room

- Developing Site Conceptual Models to Support Informed Ground-Water Remediation Decisions
  - Part 1: Does the SCM at Your Petroleum-Impacted Site Make Sense (8:00 a.m. – 10:00 a.m.)
  - Part 2: Evaluating Physical and Biological Treatment Options for Hydrocarbon-Impacted Sites (10:15 a.m. – 12:15 p.m.)
    - Gaylen R. Brubaker, *AECOM Environment, Raleigh, NC*

### Cypress Room

- Applied Karst Hydrogeology, With Emphasis on Dye Tracing and Ground-Water Monitoring
  - Ralph O. Ewers and Peter J. Idstein, *Ewers Water Consultants, Richmond, KY*

12:15 p.m. – 1:15 p.m. Complimentary Luncheon in the Exhibit Hall  
Sponsored by The Nielsen Environmental Field School



1:15 p.m. – 5:30 p.m.

(Refreshment Break from 3:15 p.m. – 3:30 p.m. in the Exhibit Hall)

#### Magnolia Room

- Incremental and Stratified Sampling Designs for Surface Soil Analyses\*
    - Deana M. Crumbling, *US Environmental Protection Agency, Washington, DC*;  
Robert Johnson, *Argonne National Laboratory, Environmental Science Division, Argonne, IL*
- \*This is Part 2 of an 8-hour workshop*

1:15 p.m. – 2:15 p.m.

#### Citrus Room

- Direct-Push Drilling Technology for Environmental and Remedial Investigations
  - Thomas D. Dalzell, *AMS, Inc., American Falls, ID*; Per Ljunggren, *Envi, Alingsas, Sweden*

2:15 p.m. – 3:15 p.m.

#### Citrus Room

- Environmental and Geotechnical Sampling and Testing Procedures With Hand-Operated Equipment
  - Thomas D. Dalzell and Hari Anestos, *AMS, Inc., American Falls, ID*

1:15 p.m. – 3:15 p.m.

#### Palm Room

- Developing Site Conceptual Models to Support Informed Ground-Water Remediation Decisions  
Part 3: SCM and Remediation Strategy Development at Chlorinated Solvent Sites
  - Nanjun Shetty, *AECOM Environment, Raleigh, NC*

1:15 p.m. – 2:15 p.m.

#### Cypress Room

- Introduction to Passive/No-Purge Ground-Water Sampling
  - Bradley Varhol, *EON Products, Inc., Snellville, GA*

2:15 p.m. – 3:15 p.m.

#### Cypress Room

- Practical Field Applications of the Hydrasleeve for No-Purge Ground-Water Sampling
  - Kent Cordry, *GeoInsight Inc, Las Cruces, NM*

3:30 p.m. – 4:30 p.m.

#### Citrus Room

- Introduction to Numerical Interpretation of Cone Penetration Tests (CPTu)
  - Wojciech Janecki, *Geosoft sp. z.o.o., Wroclaw, Poland*

4:30 p.m. – 5:30 p.m.

Citrus Room

- Application of Databases in Geotechnical and Geo-Environmental Engineering
  - Wojciech Janecki, *Geosoft sp. z.o.o., Wroclaw, Poland*

3:30 p.m. – 5:30 p.m.

Palm Room

- Performing Rapid Toxicity Assessments (RTAs) with Freshwater, Marine & Sediment Samples
  - Bryan Bjorndal, *Assure Controls, Inc., Vista, CA*

3:30 p.m. – 5:30 p.m.

Cypress Room

- Quality Control for Field Activities
  - Linda Hoffman, *HSW Engineering Inc., Tampa, FL*

5:30 p.m. – 7:30 p.m.

Complimentary Socializer in the Exhibit Hall

Sponsored by The Nielsen Environmental Field School

**Thursday, January 14, 2010**

8:00 a.m. – 12:15 p.m.

(Refreshment Break from 10:00 a.m. – 10:15 a.m. in the Exhibit Hall)

Magnolia Room

- Advanced Design Application & Data Analysis for FP-XRF in Soil Matrices\*
  - Deana M. Crumbling and Stephen Dymont, *US Environmental Protection Agency, Washington, DC*

*\*This is Part 1 of an 8-hour workshop – it will resume at 1:15 p.m.*

Citrus Room

- Environmental Forensics\*
  - Dennis Beckmann, *BP Remediation Engineering & Technology*; Lyle Bruce, Consultant (*BP Remediation, Retired*)

*\*This is Part 1 of an 8-hour workshop – it will resume at 1:15 p.m.*

Cypress Room

- Environmental Chemistry Basics for Remediation: Implications for Surfactant-Enhanced Remediation
  - Bud Ivey, *Ivey International, Campbell River, BC*



8:00 a.m. – 10:00 a.m.

Palm Room

- EPA Method 5035A Preservation Method primer – Literature Review & Case Studies
  - Michael J. Pickering, *Ash Creek Associates, Portland, OR*

10:15 a.m. – 12:15 p.m.

Palm Room

- Monitoring Ground Water With Divers
  - Eric Coulombe, *Schlumberger Water Services, Tucson, AZ*

12:15 p.m. – 1:15 p.m. Lunch Break

1:15 p.m. – 5:30 p.m.

(Refreshment Break from 3:15 p.m. – 3:30 p.m. in the Exhibit Hall)

1:15 p.m. – 5:30 p.m.

Magnolia Room

- Advanced Design Application & Data Analysis for FP-XRF in Soil Matrices\*
  - Deana M. Crumbling and Stephen Dymont, *US Environmental Protection Agency, Washington, DC*  
*\*This is Part 2 of an 8-hour workshop*

Citrus Room

- Environmental Forensics\*
  - Dennis Beckmann, *BP Remediation Engineering & Technology*; Lyle Bruce, *Consultant (BP Remediation, Retired)*  
*\*This is Part 2 of an 8-hour workshop*

Palm Room

- Using Bio-Sep Bio-Traps for Robust Decision Making in the Management and Remediation of Ground Water Impacted by Hydrocarbons, Fuel Oxygenates and Chlorinated Hydrocarbons
  - Kerry Sublette, *University of Tulsa, Dept of Chemical Engineering, Tulsa, OK*; Greg Davis, *Microbial Insights Inc.*

1:15 p.m. – 3:15 p.m.

Cypress Room

- A Look at Non-Ideal Aquifer Test Response – What Are the Data Really Saying?
  - Willis Weight, *Carroll College, Department of Mathematics, Engineering & Computer Science, Helena, MT*

3:30 p.m. – 5:30 p.m.

Cypress Room

- Low-Flow Ground-Water Sampling
  - Robert Mooney, *In-Situ Inc., Fort Collins, CO*

5:30 p.m. Adjourn for the Day

Complimentary Embassy Suites Manager's Reception for Guests Staying at the Host Hotel

## Friday, January 15, 2010

8:00 a.m. – 12:15 p.m.

(Refreshment Break from 10:00 a.m. – 10:15 a.m. in the lobby across from the Conference Room – Salons F & G)

### Magnolia Room

- Proper Drilling and Grouting Practices for a Variety of Geologic Environments
  - Dennis Duty, Jim Mabrey and Mark Whittle, *Baroid Industrial Drilling Products, Houston, TX*

### Citrus Room

- Designing Pumping and Slug Tests and Using Pressure Transducer Data
  - Ted Way, *In-Situ Inc., Fort Collins, CO*

### Palm Room

- Practical Training in the Use of Direct-Push Logging Methods for Site Characterization
  - Wes McCall, Thomas M. Christy and Dan Pipp, *Geoprobe Systems, Salina, KS*

8:00 a.m. – 10:00 a.m.

### Cypress Room

- Data Management With Diver-VisiONE
  - Emiel Dijkstra, *Schlumberger Water Services, Waterloo, ON*

10:15 a.m. – 12:15 p.m.

### Cypress Room

- New Developments In Ground-Water Sampling
  - Brian Anderson, *Innovative Sampling Systems, Sauk City, WI*

12:15 p.m. – 12:30 p.m.

### Conference Room (Salons F & G)

Conference Closing Remarks and Adjournment