2011 Railroad Environmental Conference

25-26 October 2011

Program

RAILTEC
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

American Short Line and Regional Railroad Association

American Railway Engineering and Maintenance-of-Way Association

The Railway Association of Canada

Association of American Railroads
Supporters 2011
We wish to recognize and thank our Railroad Environmental Conference - 2011 Supporters. Their financial support is an essential component in making this event a success.

10+ Year Supporters:

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  Infrastructure, environment, facilities
- HDR
- CTEH Center for Toxicology and Environmental Health, LLC
- Kennedy/Jenks Consultants
  Engineers & Scientists
- ONE COMPANY  Many Solutions
- EMR Incorporated
  Infrastructure and Environment
- Shaw
- amec
- TRC

Distinguished Supporter:

- Hanson

- Enviro Science Incorporated
- CH2M HILL
- ICF International
- Geosyntec Consultants
5+ Year Supporters:

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URS

Golder
Associates

HULCHER

CRA

Gannett Fleming

Hatch Mott
MacDonald

MARSHALL MILLER
ASSOCIATES

Lancaster Laboratories

Pace Analytical

ACCU TEST
LABORATORIES

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Pinnacle Engineering

CETCO

EMITEC

SPILLX

GEI Consultants

ENVIRONMENTAL
RESTORATION LLC
Conference Overview and Featured Events

**Monday, October 24th, 2011**

Exhibitor set-up 1:00pm - 5:00pm

**Tuesday, October 25th, 2011**

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Continental Breakfast</td>
<td>7:00am - 9:00am</td>
</tr>
<tr>
<td>Registration Open</td>
<td>7:00am - 5:00pm</td>
</tr>
<tr>
<td>Presentation Sessions</td>
<td>8:00am - 11:50am</td>
</tr>
<tr>
<td>Luncheon and Supporter Acknowledgement (room 314)</td>
<td>11:25am - 1:20pm</td>
</tr>
<tr>
<td>Presentation Sessions</td>
<td>1:20pm - 5:00pm</td>
</tr>
<tr>
<td>Reception/Poster Presentations (Illini Union South Lounge)</td>
<td>5:00pm - 6:30pm</td>
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</table>

AREMA COMMITTEE 13 BANQUET* - Illini Union Ballroom - 2nd Floor
Banquet 7:00pm

AREMA Banquet Speaker:
Robert M. Grimaila 7:00pm
Vice-President – Safety, Security and Environment - Union Pacific Railroad
“Railroads and the Environment: Cowboy to Spaceman”

**Wednesday, October 26th, 2011**

AREMA Committee 13 meeting 7:00am - 8:00am
(Colonial Room - First Floor - Illini Union)
Continental Breakfast 7:00am - 9:00am
Registration Open 7:00am - 5:00pm
Presentation Sessions 8:00am - 11:40am

AAR Environmental Excellence Award (Illini Room A) 11:40am - 12:05pm
Robert Fronczak
Assistant Vice President, Environment and Hazardous Materials - AAR
Luncheon (room 314) 12:05pm - 1:25pm

KEYNOTE Speaker:
Peter Lawson 12:05pm (room 314)
Marketing Manager Government Initiatives & Ecomagination - GE Transportation
“Ecomagination...Can Sustainability be an Economic Engine”

Presentation Sessions 1:25pm - 5:00pm
Adjourn 5:00pm

**Thursday, October 27th, 2011**

Exhibitor Breakdown 8:00am - 11:00am

*advance registration needed for AREMA banquet

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Technical Session Schedule (some sessions are concurrent)

**Tuesday**

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plenary Session</td>
<td>8:10am - 10:15am, Room</td>
</tr>
<tr>
<td>Risk Management</td>
<td>10:35am - 3:00pm, Room A</td>
</tr>
<tr>
<td>Stormwater and Wastewater</td>
<td>10:35am - 11:25am, Room 210</td>
</tr>
<tr>
<td>Energy, Emissions, &amp; Air Quality</td>
<td>1:20pm - 2:10pm, Room 210</td>
</tr>
<tr>
<td>Environmental Planning of Passenger and Freight Rail Projects</td>
<td>2:10pm - 3:00pm, Room 210</td>
</tr>
<tr>
<td>Aquatic Ecosystems</td>
<td>3:20pm - 4:35pm, Room 210</td>
</tr>
<tr>
<td>Emergency Response and Environmental Planning</td>
<td>3:20pm - 5:00pm, Room A</td>
</tr>
</tbody>
</table>

**Wednesday**

<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remediation Panel</td>
<td>8:00am - 9:15am, Room A</td>
</tr>
<tr>
<td>Analytical Testing</td>
<td>9:35am - 10:50am, Room 210</td>
</tr>
<tr>
<td>Compliance</td>
<td>9:35am - 10:50am, Room A</td>
</tr>
<tr>
<td>Pollution Prevention and Sustainability</td>
<td>10:50am - 2:40pm, Room 210</td>
</tr>
<tr>
<td>Remediation</td>
<td>10:50am - 5:00pm, Room A</td>
</tr>
<tr>
<td>Noise and Vibration</td>
<td>2:40pm - 3:05pm, Room 210</td>
</tr>
<tr>
<td>Time</td>
<td>Illini Union - Room A</td>
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</tr>
<tr>
<td></td>
<td><strong>Plenary Session</strong></td>
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<tr>
<td></td>
<td>Moderator: C. Russell McDaniel - Norfolk Southern</td>
</tr>
</tbody>
</table>
| 8:00  | Welcome and Introduction  
Christopher Barkan - Professor and Director of RailTEC  
University of Illinois at Urbana-Champaign |
| 8:10  | Environmental Issues Affecting the North American Railroads  
Robert Fronczak - Association of American Railroads |
| 8:35  | Hope Is Not an Approved BMP - Lessons in Railroad Stormwater Management from the West Coast  
Ross Dunning - Kennedy/Jenks Consultants  
Jennifer L. Weiner - BNSF Railway |
| 9:00  | Progress Rail PR30C Locomotive with DOC and Urea based SCR  
Douglas Biagini - Caterpillar Inc.  
Steve Fritz - Southwest Research Institute |
Jennifer Thiessen - EMR, Inc. |
| 9:50  | The Need for Speed – Challenges Faced While Completing the Environmental Analysis and a Service Development Application for a High-Speed Rail Project  
Kelly Farrel and Meagan Hall - HDR Engineering, Inc. |

**10:15 BREAK - Illini Union Room B**

**Risk Management**  
Moderators: Leo Thorbeck - AECOM and Sam Farnsworth - AMEC

<table>
<thead>
<tr>
<th>Time</th>
<th>Illini Union - Room A</th>
<th>Illini Union - Room 210</th>
</tr>
</thead>
</table>
| 10:35 | Achieving Risk-Based Environmental Closure – NSRC Lease Property, Bramwell, WV  
Chuck Cline and George Robertson - Marshall Miller & Associates  
David Paton - Norfolk Southern |
| 11:00 | Managing LNAPL in the Vicinity of Water Supply Wells  
Todd O’Brien and Martina Schlauch Jones - ARCADIS  
Geoffrey Reeder - Union Pacific Railroad |

**11:25 LUNCH and Supporter Acknowledgment - Illini Union Room 314**

**Stormwater and Wastewater**  
Moderator: Bernie Noonan - EMR

<table>
<thead>
<tr>
<th>Time</th>
<th>Illini Union - Room A</th>
<th>Illini Union - Room 210</th>
</tr>
</thead>
</table>
| 10:35 | Integration of Ecological and Engineering Planning in Stormwater Management  
Tom Simpson - CH2M HILL  
Anthony Prevost - HNTB Corporation |
| 11:00 | PMP Approach to PCB Loading Reduction at Two Amtrak Facilities  
Steve Baggett and Chris McCardell - Stantec  
Andrew Enzman and Jack Schweitzer - Amtrak |

**1:20**  
Remediation Business Intelligence – Using Analytics to Evaluate and Improve Performance  
Roger Well - ENFOS, Inc

**1:45**  
Environmental Risk Associated with Out-of-Service Buildings – A Case Study  
Paul Kurzanski - CSX Transportation  
Wendy S. White - ARCADIS

**2:10**  
Sediment Quality Triad Assessment to Support Remedy Development for an Estuarine River and Marsh System Adjacent to a Former Wood Treatment Site in Southern Mississippi  
Timothy lannuzzi and Lance Fontenot - ARCADIS  
Matt Atkins - CSX Transportation

**2:35**  
Risk Management of Assets and Compliance Management of Railway Infrastructure, Primarily Wastewater Treatment, Locomotive Fuel Systems and Equipment Facilities (Diesel Shop and Car Shops)  
Darrell Curilla - Lackay Research and Development Ltd.  
Rick Corbin, Craig Fisher and Ken Roberge - Canadian Pacific Railroad

**3:00 BREAK - Illini Union Room B**

**Emergency Response and Environmental Planning**  
Moderator: Ken Rose - OmniTRAX

<table>
<thead>
<tr>
<th>Time</th>
<th>Illini Union - Room A</th>
<th>Illini Union - Room 210</th>
</tr>
</thead>
</table>
| 3:20  | Contingency Planning and the Associated Benefits  
James Holland and John Lanusche - Pinnacle Engineering, Inc  
Dale Buchholz - Canadian Pacific Railroad |
| 3:45  | A Systematic Approach of Managing Environmental Aspects of Railroad Incidents  
Dillon Magers - BNSF Railway  
jacob Ashbell - Compliance One  
joshua Sales - Kennedy/Jenks Consultants |
| 4:10  | Process Based Creative Empowerment Achieves Positive Environmental Outcomes  
James Holland and John Lanusche - Pinnacle Engineering, Inc.  
Dale Buchholz - Canadian Pacific Railroad |
| 4:35  | Superior Capabilities – CN Emergency Response Training - Two Harbors  
Minnesota Response  
Joseph Palu - Golder Associates, Inc.  
Brian Hayden - CN |

**4:40**  
Environmental Challenges and Solutions During the Reconstruction of the Metro North Railroad Harmon Rail Yard  
Karen Timko and Ken McHale - Metro-North Railroad  
Gary Rozmus - Gannett Fleming

**3:00**  
Public Engagement for Controversial Railroad Project  
Kevin Seals - Hanson Professional Services Inc.

**3:30**  
Environmental Planning of Passenger and Freight Rail Projects  
Moderator: Kevin Keller - HDR

**3:30**  
Aquatic Ecosystems  
Moderator: Betsy Beauchamp - TestAmerica

<table>
<thead>
<tr>
<th>Time</th>
<th>Illini Union - Room A</th>
<th>Illini Union - Room 210</th>
</tr>
</thead>
</table>
| 4:10  | Wetlands Mitigation to Facilitate Track Work and Operational Improvements at Busy Northeast US Intermodal Terminal  
Todd Wente - Norfolk Southern  
Heather Brewer - AECOM |
| 4:35  | Application of Organoclay Reactive Core Mat for Creek Remediation at a Former Wood Treating Site  
Craig Niedermeier - AECOM  
Hieu Nguyen - CETCO |

5:00 Poster Presentation Reception - Illini Union South Lounge

5
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Panel Discussion: States’ Perspective on LNAPL Policy and Practice</td>
<td>Illini Union</td>
<td>Lily Barkau - Wyoming Department of Environmental Quality, Tom Harris - Louisiana Department of Environmental Quality, Kevin Lund - Michigan Department of Environmental Quality</td>
</tr>
<tr>
<td>9:15</td>
<td><strong>BREAK - Illini Union Room B</strong></td>
<td></td>
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</tr>
<tr>
<td>9:35</td>
<td>Implementing a Comprehensive Industry Program on Compliance and Risk Management: A Case Study on Tank Overfill Prevention - Philosophy, Vision, Objectives, Program Structure, and Execution</td>
<td>Illini Union 210</td>
<td>Michael Erickson - AAEN, Aneta Group</td>
</tr>
<tr>
<td>10:00</td>
<td>Permitting Considerations for Bridge Repair/Replacement Projects</td>
<td>Illini Union</td>
<td>Robert Graham - Amtrak, Pamela Chan - AMEC Environment &amp; Infrastructure</td>
</tr>
<tr>
<td>10:25</td>
<td>Environmental Training - The First Step to Compliance and Pollution Prevention</td>
<td>Illini Union</td>
<td>Suzanne Hattenberger - BNSF Railway</td>
</tr>
<tr>
<td>11:40</td>
<td>AAR Environmental Excellence Award</td>
<td>Illini Union</td>
<td>Robert Fronczak - Assistant Vice President, Environment and Hazardous Materials Association of American Railroads</td>
</tr>
<tr>
<td>12:05</td>
<td><strong>LUNCH - Illini Union Room 314</strong></td>
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<tr>
<td>1:50</td>
<td>Remedial Process Optimization – Ongoing Process to Reduce Project Life Cycle Cost</td>
<td>Illini Union</td>
<td>Gary Honeymen - Union Pacific Railroad, Jennifer Uhlrand, Oscar Sorensen, and Jeff Gentry - CH2M HILL</td>
</tr>
<tr>
<td>2:15</td>
<td>Non-Conventional Approach to Reclaim and Remediate Sodium Carbonate Affected Soil</td>
<td>Illini Union</td>
<td>Paul J. Kurzanski - CSX Transportation, Paul C. Deutsch and Bertisabel M. Custer - AMEC Environment &amp; Infrastructure</td>
</tr>
<tr>
<td>2:40</td>
<td>Emerging Issues in Ethanol-based Biofuels</td>
<td>Illini Union</td>
<td>Denice Nelson, Mark Klemmer, Martina Schlauch Jones, and Todd O’Brien - ARCADIS</td>
</tr>
<tr>
<td>3:05</td>
<td><strong>BREAK - Illini Union Room B</strong></td>
<td></td>
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</tr>
<tr>
<td>3:20</td>
<td>Sustainable Debris and Vegetation Management at a Lead and Arsenic Remediation Site Norfolk Southern Corporation</td>
<td>Illini Union</td>
<td>Russel McDaniell - Norfolk Southern</td>
</tr>
<tr>
<td>3:45</td>
<td>A Sustainable Alternative Treatment System to Protect a Southern West Virginia River</td>
<td>Illini Union</td>
<td>Chuck Cline and Tim Probert - Marshall Miller &amp; Associates, David Patten - Norfolk Southern</td>
</tr>
<tr>
<td>4:10</td>
<td>Use of Innovative Remedial Action Evaluation Tools Leads to Shut Down of Groundwater Extraction and Treatment System</td>
<td>Illini Union</td>
<td>Jeff Gentry and Donna Lauderich - CH2M HILL, James E. Drol - Union Pacific Railroad</td>
</tr>
<tr>
<td>4:35</td>
<td>Development of a Closure Strategy for Arsenic Impacts in Groundwater using a Site Conceptual Geochemical Model</td>
<td>Illini Union</td>
<td>Kevin Petersburgs, Jeff Gillow, Rhandaker Ashfaque, and Martina Schlauch Jones - ARCADIS</td>
</tr>
<tr>
<td>5:00</td>
<td><strong>Adjourn</strong></td>
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</table>
Poster Presentations

Poster presentation will be on display throughout the conference. There will be a special reception for the poster presenters in the South Lounge on Tuesday, October 25th from 5:00 to 6:45pm

Analytical Testing Methods
1. Some challenges of Sampling and Reporting Lower Level Volatile Organic Chemical’s in Ambient Air Related to Inhalation Risk Exposure Evaluations
   Will Elcoate - TestAmerica

Compliance
2. CSX NW Ohio Intermodal Facility in Wood County, Ohio
   Hugh Perry - CSX
   John Hilborn - EMHT

Emergency Response and Environmental Planning
3. Generating Meaningful Environmental Information In The Midst Of An Emergency Response
   Rock Vitale, Dennis Callaghan, and Ruth Forman
   Environmental Standards, Inc.
   Neil Carriker and William Rogers
   Tennessee Valley Authority

4. Investigation and Remediation of a Sulphur Fire at CN’s MacMillan Yard
   Sherry Eaton and Phil Moddle - Golder Associates Ltd.
   Alex Borges - CN

Energy, Emissions, and Air Quality
5. Evaluating Fugitive Dust Migration Using Computational Fluid Dynamics
   Oliver Heynes - MMI Engineering
   John Calhoun - CSX Transportation

6. Air Emissions Mitigation by Water Suppression Through the Use of a Water Cannon System
   Ben Verburg and Jon Forbort - ARCADIS
   Brian Hayden - CN

7. Responding to Requests for Locomotive Fuel Use Information
   Rick Nath - CSX
   Ken Richardson - ARCADIS

8. Study on the Strategies to Control CO2 Concentration in Passenger Car
   Youngmin Cho, Woo-Sung Jung, Ji-Yun Lee, Duck-Shin Park, and Soon-Bark Kwon - Korea Railroad Research Institute, Korea

   Youngmin Cho, Woo-Sung Jung, Jin-Sik Choi, Soon-Bark Kwon, and Duck-Shin Park - Korea Railroad Research Institute, Korea

Noise and Vibration
    Donald C. Sinclair - Sinclair Consulting

Pollution Prevention and Sustainability
11. Developing a Greenhouse Gas Inventory for Freight and Passenger Rail Operations
    Michael Laas - Gannett Fleming

12. Distributed Wind Power for the Railway
    Doug Hicks - Endurance Wind Power

13. Field Test for Treatment of Contaminated Soil around Railroad Track using Soil Flushing Method
    Jae-Young Lee, Woo-Sung Jung, Youngmin Cho and Tae-Soon Kwon - Korea Railroad Research Institute, Korea

Remediation
14. Using Data Visualization Software Tools at Site Investigation and Remediation Sites
    Rick Adams, Andy Robinson, and Monica Dupre
    ARCADIS
    Paul J. Kurzanski - CSX Transportation, Inc.

15. Subaqueous Cap Design for Sediment Remediation
    Todd Cridge, Chuck Barnes, Jeff Beckner,
    and Stephen Garbaciak - ARCADIS
    Matt Adkins CSX Transportation, Inc.

16. Multi-Phase Remedial Investigation/Feasibility Study/Design Studies of Non-Aqueous Phase Liquid (NAPL) Wood Treating Compounds at Former Gautier Oil Site, Gautier, MS
    Jeff Beckner, Charles Lawson, and Andrew Davis
    ARCADIS
    Matt Adkins - CSX Transportation, Inc.

17. Trout Stream Restoration After Sodium Hydroxide Derailment
    Paul Zottola and Chris Oakes - Norfolk Southern

18. Regulatory Acceptance of Improved Metrics for Evaluating LNA PL Recovery
    David de Courcy-Bower and Kate Schmitz Fogarty - AECOM

19. DNAPL Transmissivity Reduction to Obtain Remediation Endpoint
    Gary Honeyman - Union Pacific Railroad
    Cindy Donnerberg and Jeff Gentry - CH2M HILL

20. DNAPL Delineation at a Historical Derailment Site Using a Membrane Interface Probe
    Jennifer Levenick and Guy Patrick - Golder Associates Ltd.
    David Sutherland - CN

21. Changing the Paradigm of Legacy Railyards With Residual LNA PL
    Rick Adams and Purvee Shah - ARCADIS
    Curtis Bartz and Stella Karnis - CN

22. Optimizing a Water Treatment Process to Meet Changing Conditions
    Timothy Unruh - Hatch Mott MacDonald
    Geoffrey Reeder - Union Pacific

23. The Conceptual Site Model as an Essential Tool for Stakeholder Consensus on Remedy Selection and Design
    Vibhav Mankad, Sean Coan, and Pawan Sharma
    Camp Dresser & Mckee, Inc.
    James Diel - Union Pacific

Risk and Liability Management
24. A Phased Approach to CERCLA Based Investigation
    Jim McLaughlin, Ali Wright and Martina Schlauch Jones
    ARCADIS
    John Jones - Vertellus Specialties Inc.
    Geoffrey Reeder - Union Pacific

    Elizabeth Mack and Theresa Duckett
    Locke Lord Bissell & Liddell LLP
Emergency Information

Dial 911 for assistance or 9-911 from a campus phone. The conference location is: Illini Union, 1401 W. Green St, Urbana, IL

**Tornado:** Use the stairs on the north or south side of the building to go to the basement to seek shelter.

**Fire:** Use the doors located on the west side of the building and meet on the southeast side of Altgeld Hall.

**POLICE**
Champaign Police Department (Non-emergency)
82 East University Ave, Champaign IL
217-351-4545

Carle Foundation Hospital
611 West Park Street, Urbana IL
217-383-3311

RREC Bus Schedule
Between Hawthorn Suites, Hilton Garden Inn, iHotel, Hampton Inn, Holiday Inn, and Illini Union

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<th>Tuesday</th>
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<tr>
<td>October 25th, 2011</td>
<td>October 26th, 2011</td>
</tr>
<tr>
<td>7:00-9:00 am*</td>
<td>7:00-9:00 am*</td>
</tr>
<tr>
<td>9:00-3:00 pm**</td>
<td>9:00-3:00 pm**</td>
</tr>
<tr>
<td>3:00-7:00 pm*</td>
<td>3:00-5:30 pm*</td>
</tr>
<tr>
<td>Departing After the Banquet</td>
<td></td>
</tr>
</tbody>
</table>

* = running continuously between hotels and Illini Union  
** = running on reduced schedule. Call registration desk (217-244-1340) for pick-up

Save the date
Please join us for the 2012 Railroad Environmental Conference 23-24 October 2012 Mark your calendars now!
Champaign/Urbana Recommended Restaurant List (all directions from Illini Union facing north)

**Alexanders Steakhouse**
202 W. Anthony Dr., Champaign, IL 61820
217-359-1789
Take Green St. West to Neil St. Turn right. Vear right on Walnut St. Turn left on W. Washington St. Turn right on Neil St. Turn left on Anthony Drive. On right hand side.

**Bacaro - Italian (fine dining)**
113 N Walnut St., Champaign, IL 61820-4009
217-398-6982
Take Green St. West to Neil St. Turn right. Bear right on Walnut St. On left hand side.

**Biaggi's Ristorante Italiano**
2235 S Neil St., Champaign, IL 61820
217-356-4300
Take Green St. West to Neil St. Turn left. About 2 miles down on right hand side

**Black Dog Smoke & Ale House (casual bar)**
201 N Broadway Ave., Urbana, IL 61801
217-344-9334
Green St. East to Lincoln Ave. Turn left. Turn right on University Ave. Turn right on Broadway Ave. On right hand side

**Destihl (Gastrobrewpub)**
301 N Neil St, Champaign, IL 61820
217-356-0301
Take Green St. West to Neil St. Turn left. About 2 miles down on left hand side

**Escobar - Native Latino**
6 E Columbia Ave., Champaign, IL 61820
217-352-7467
Take Green St. West to Neil St. Turn right. Bear right on Walnut St. Turn left on Columbia On right hand side.

**Great Impasta - Italian**
156 Lincoln Sq # D, Urbana, IL 61801
217-359-7377
Green St. East to Busey Ave. Turn left. Turn right on W. Elm St. Turn right on S. Broadway Ave. Turn left at Lincoln Square On right hand side

**Jim Gould - Steakhouse (fine dining)**
1 E. Main St, Champaign, IL 61820
217-531-1177
Take Green St. West to Neil St. Turn right. Bear right on Walnut St. Turn left on Main St. On right hand side.

**Kennedy's at Stone Creek**
2560 S Stone Creek Blvd., Urbana, IL 61802
217-384-8111
Take Greens St. East to S. Lincoln. Turn left. Turn right at W. Florida Ave. Turn right at Philo Rd. Take 1st left onto E. Colorado Ave. Turn right on Stone Creek Blvd. On right hand side

**Kofusion - Asian (Sushi)**
1 E Main St # 104, Champaign, IL 61820
217-531-1166
Take Green St. West to Neil St. Turn right. Bear right on Walnut St. Turn left on E. Main St. On right hand side

**Radio Maria - Cajun/Spanish**
119 N Walnut St., Champaign, IL 61820
217-398-7729
Take Green St. West to Neil St. Turn right. Vear right on Walnut St. On left hand side.

**Silvercreek - Casual fine dining**
402 N Race St., Urbana, IL 61801
217-328-3402
Take Green St. East to Lincoln. Turn left Turn right on W. University Ave. Turn right on N. Race St. On left hand side

**V. Picasso - Tapas bar and Lounge**
214 W Main St., Urbana, IL 61801
217-328-3402
Take Green St. East to Lincoln. Turn left Turn right on W. Main St. On left hand side at corner of Main St. and Springfield Ave.

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**Public Parking**
Please use the shuttle buses that are provided. Parking on campus is **extremely** limited.

Meters are available on South Mathews Avenue. Please note there is a two hour time restriction. There is a parking lot east of Legends (located on the corner of Sixth and Green St.) with metered parking. Inquire at registration desk for more information.

**Useful Locations**

<table>
<thead>
<tr>
<th>Kinkos</th>
<th>Expresso Royale Cafe</th>
<th>Starbucks</th>
<th>Illini Union Bookstore</th>
</tr>
</thead>
<tbody>
<tr>
<td>613 South Wright St.</td>
<td>Illini Union Courtyard Cafe</td>
<td>503 E Green St.</td>
<td>809 South Wright St.</td>
</tr>
<tr>
<td>Champaign, IL 61820</td>
<td>217-333-7106</td>
<td>217-344-8613</td>
<td>Champaign, IL 61820</td>
</tr>
<tr>
<td>217-344-2085</td>
<td></td>
<td></td>
<td>217-333-2050</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Walgreens</th>
<th>Cocomero (frozen yogurt)</th>
<th>Follets Bookstore</th>
<th>T.I.S. Bookstore</th>
</tr>
</thead>
<tbody>
<tr>
<td>407 East Green St.</td>
<td>709 South Wright St.</td>
<td>627 South Wright St.</td>
<td>707 South Sixth St.</td>
</tr>
<tr>
<td>Champaign, IL 61820</td>
<td>217-328-3888</td>
<td>217-356-1368</td>
<td>Champaign, IL 61820</td>
</tr>
</tbody>
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**Wireless Internet**

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Ballroom - Please take north elevator or staircase to 2nd floor.
Room 210 - Please take north elevator or staircase to 2nd floor.
Exhibitors

Accutest Laboratories
AECOM
AMEC Environment & Infrastructure
ARCADIS US, Inc.
BELFOR Environmental
Century Group, Inc.
CETCO
CH2M Hill
Clean Harbors Env. Services
Coleman Industrial Construction
Conestoga-Rovers & Associates
CTEH
EMR, Inc.
Enkon
Envirocon, Inc.

Environmental Restoration
Environmental Works
Enviroscience Inc.
Gannett Fleming, Inc.
GEI Consultants, Inc.
Geo-Cleanse International, Inc.
Geosyntec Consultants
Golder Associates, Inc
HDR Engineering, Inc.
Hulcher Services, Inc.
ICF International
IMEC Technologies Inc
JRW Bioremediation, LLC.
Lancaster Laboratories
LB Foster - Friction Management
Marshall Miller & Associates

Micro-Blaze
NRC Environmental Services
Oil Skimmers, Inc.
Pace Analytical Services, Inc.
Pinnacle Engineering
Polystar, Inc
Seneca Companies
Shannon & Wilson, Inc.
Shaw Environmental & Infrastructure, Inc.
SpillX, LLC
SWS Environmental Services
TestAmerica
URS Corporation

Planning Committee

Chris Barkan – University of Illinois
Betsy Beauchamp – TestAmerica
Chuck Cline – Marshall Miller
Sam Farnsworth – AMEC Environment & Infrastructure
Robert Fronczak – Association of American Railroads
Susan Gaudios – Accutest
Don Girard – BNSF
Melissa Godlewski – Kennedy Jenks
Suzan Gonder – Environmental Works
Kim Hagemann – University of Illinois
Martina Schlauch Jones – ARCADIS
Stella Karnis – Canadian National
Scott Keating – GEI Consultants, Inc.
Kevin Keller – HDR
Jay Martin – AMEC Environment & Infrastructure
Joanne Maxwell – Amtrak
Russ McDaniel – Norfolk Southern

Steve McNaughton – Union Pacific
Lance Meister – HMMH
Ryan Mills – BNSF
Glenn Millner – CTEH
Rick Nath – CSX
Bernie Noonan – EMR
Chris Oakes – Norfolk Southern
Geoff Reeder – Union Pacific
Ken Richardson – ARCADIS
Ken Rose – OmniTRAX
Gary Rozmus – Gannett Fleming
Richard Russell – Norfolk Southern
Lanny Schmid – Union Pacific
Oscar Sorensen – CH2M Hill
Leo Thorbecke – AECOM
John Williams – Pace Analytical

Conference Organizing Team

Chris Barkan
Abby Batis
Jerri Lyn Beck
Mary Blair

Rachel Cote
Vicki Dixon
Kim Hagemann
Kelcey Willmot

Useful Contact Information

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Hampton Inn 217-337-1100 Illini Union Guest Rooms 217-333-3030
Hawthorn Suites 217-398-3400 Yellow Cab 217-355-3553
Hilton Garden Inn 217-352-9970 U of I Golf Courses 217-359-5613
Holiday Inn 217-328-7900 Stone Creek Golf Club 217-384-6690