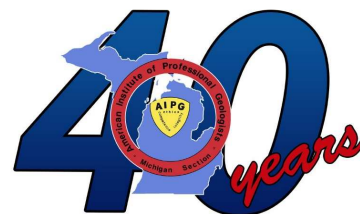


**7TH ANNUAL AIPG MICHIGAN SECTION TECHNICAL WORKSHOP  
ENVIRONMENTAL RISK MANAGEMENT:  
SITE CHARACTERIZATION FOR REMEDY DECISIONS**

**TECHNICAL SESSION SCHEDULE**

**TUESDAY, JUNE 13, 2017**

<b>START</b>	
9:00	Workshop Registration & Room Check-In at RAM Center
10:00 - 10:15	<b>Opening Remarks and Introductions – Linda Hensel / Sara Pearson</b>
10:15	<b>Keynote Speaker: Dr. Peter Adriaens</b> (Univ. of Michigan) - Prof. of Env Eng & Sustainable Finance; Entrepreneurship & Strategy [Ross School of Business]; CEO/Co-Founder of Equarius Risk Analytics - <i>Business Water Risk Management: Ripple Effects from Watersheds to the Capital Markets</i>
11:15	<b>Panel Discussion: Jon Allan</b> (Director, Office of the Great Lakes) and <b>Dr. Peter Adriaens</b> - <i>Michigan's water strategy and the subjects of remediation, resource restrictions, resource values, and Michigan's resource inventory.</i>
12:00 - 1:00	<b>LUNCH - Conference Room to be Split for Simultaneous Presentations</b>
	<b>Technical Session A (moderator: Sara Pearson)</b>
1:00	<i>From Characterization to Closure: The Nims St. TCE Plume</i>
1:45	<i>Biostimulation of a TCE Source Area with Amendment and Municipal Water</i>
	<b>Technical Session B (moderator: Rick Dunkin)</b>
1:00	<i>RI and Remediation of Former Marysville Power Plant</i>
1:45	<i>The Characterization is the Remedy: LNAPL Natural Source Zone Depletion</i>
2:30 - 3:00	<b>AFTERNOON BREAK</b>
	<b>Technical Session A (moderator: Sara Pearson)</b>
3:00	<i>Treatment of 1,2-DCA in Fractured-Rock Groundwater using Hydraulic and Pneumatic Fracturing</i>
3:45	<i>Better Access to Contaminants - Concepts, Theory, and Practice</i>
	<b>Technical Session B (moderator: Rick Dunkin)</b>
3:00	<i>Development of Closure and Postclosure Strategy for a CCR Landfill in Saginaw Bay</i>
3:45	<i>An Overview of the Site Characterization and Environmental Risk Management at a LUST Site</i>
4:30	<b>Closing Remarks – Day 1</b>
4:35 - 5:30	<b>EVENING BREAK – Check-in at local hotels, limousine service to start at 3:45 PM</b>
5:30 - 6:30	<b>DINNER</b>
6:30-8:00	<b>FIELD DEMONSTRATION(S)</b> - Sediment coring and side scan sonar (GLEC) at Higgins Lake shoreline, Drone Use for Environmental Work, LIF/OIP
8:00 - ?	<b>SOCIAL EVENT - Bonfire – Open Bar – Euchre – Waynesboro Band - Shuttle Transportation Provided to Hotels (hourly from 4:30 pm to 1 am).</b>



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**TECHNICAL SESSION SCHEDULE**

**WEDNESDAY, JUNE 14, 2017**

**START**

7:00 - 8:00	<b>BREAKFAST</b>
8:00	Brief Remarks – Sara Pearson
	<b>Technical Session A (moderator: Sara Pearson)</b>
8:00	<i>Sponsor Presentations</i>
8:45	<i>Geobotany: A Precursor to Successful Site Characterization for Phytoremediation</i>
	<b>Technical Session B (moderator: Rick Dunkin)</b>
8:00	<i>Sponsor Presentations</i>
8:45	<i>Deployment of ISM over 6 Acres of Public Green Space at Riverside Park to Characterize Chemicals of Concern in Near Surface Soil</i>
9:30 - 9:45	<b>MORNING BREAK</b>
	<b>Technical Session A (moderator: Sara Pearson)</b>
9:45	<i>Site Characterization of Century Old Manufacturing Facility</i>
10:30	<i>Use of Site Characterization Data and Other Multiple Lines of Evidence to Develop a CSM for a Site Containing MGP By-Products Along the Detroit River</i>
11:15	<i>Stratigraphic Flux: Redefining Conceptual Site Models for Better Remedies</i>
	<b>Technical Session B (moderator: Rick Dunkin)</b>
9:45	<i>Considerations and Tools to Select and Design a Sediment Response Action at a Former Manufactured Gas Plant</i>
10:30	<i>Utilizing a Contaminant Transport Model to Assess Remedial Alternatives for a Large Dilute TCE Plume</i>
11:15	<i>Characterization of Fractured Rock Sites for Contaminant Prediction and Remediation</i>
12:00 - 1:00	<b>LUNCH</b>
	<b>Technical Session A (moderator: Sara Pearson)</b>
1:00	<i>High Volume Sampling: An Innovative Tool for Vapor Intrusion Mitigation Design (a Case Study)</i>
1:40	<i>Subsurface Characterization Methods Used to Assist with Design of PRBs</i>
2:20	<i>Evaluation of the Horizontal-to-Vertical Spectral Ratio (HVSR) Passive Seismic Method for Bedrock Depth Determination in Michigan</i>
	<b>Technical Session B (moderator: Rick Dunkin)</b>
1:00	<i>Evaluation of the GSI Pathway and its Effect on Cleanup Level Selection</i>
1:40	<i>Lessons from the field: Practical Aspects of Sediment Sampling and Implementation of Integrated Sediment Quality Assessments</i>
2:20	<i>HRSC as a Risk Management Tool To Support Remedial Planning – Fenner’s Ditch Venting Oil Well Site, North Muskegon, MI</i>
3:00 - 3:30	<b>AFTERNOON BREAK – Ice Cream Social (Rejoin Rooms for Regulatory Update and Closing Remarks/Raffle Drawing)</b>
3:30	<b>Regulatory Update</b> - Sara Pearson (DEQ-RRD)
4:00	<b>Closing Remarks and Raffle Drawing – Day 2</b>

