



2016 WORKSHOP

6th Annual AIPG Michigan Section Technical Workshop ENVIRONMENTAL RISK MANAGEMENT: WHY, WHEN, WHERE AND HOW

The AIPG Michigan Section is calling for abstracts for the 6th Annual AIPG Workshop to be held June 14 and 15, 2016 at the Ralph A. MacMullan Conference Center on Higgins Lake in Roscommon County, Michigan.

Environmental Risk Management is the selected theme for the 6th workshop in a series hosted by the Michigan Section that focus on providing quality, technical information and case studies. The workshop brings together a broad base of topic expertise from consulting, regulatory, academic, and owner perspectives in the environmental field. This unique workshop forum promotes collaboration for solving tough environmental problems through real site case studies as valuable technical learning tools to develop strategies for managing risks associated with releases of hazardous substances to the environment.

The why, when, where and how of the Environmental Risk Management workshop will provide the same thoughtful, high quality technical presentations and discussions as have come to be expected of the Michigan Section's annual workshop. Environmental Risk Management is a critical part of evaluating hazardous substances that have been released to the environment that often pose a threat to human health, safety, welfare and the environment. As professionals working in the environmental industry, we make decisions regarding potential and real exposures daily using tools developed from the latest advances in science and technology, statutory requirements, and professional experience

The Michigan Section is seeking abstracts for case studies that focus on the tools that guide our decisions in when, where, and how we manage risks as well as the concept of risk and why we make the decisions we do. Examples of tools and concepts for abstracts include:

Philosophy and Ethics

How do we manage perceived risk vs. real risk?

What are the factors needed to evaluate risk, risk tolerance, competing interests (not just best technical answer), and risk liability and costs?

Do institutional controls provide sufficient long-term protection?



Technical Concepts

Site characterization and the identification of all associated risks is critical for developing a conceptual site model (CSM) and implementing an effective and efficient remedial and management strategy. What tools do you use to understand and evaluate risk? (e.g. - Is site characterization different? Natural Source Zone Depletion for nonaqueous phase liquids (NAPL)? conceptual site model?)

What are the risks associated with inadequate site characterization, technical impracticability waivers, or relying on the transition zone to mitigate impacts of groundwater to surface water.

How do we evaluate risk from emerging contaminants of concern like 1,4-dioxin or perfluorinated compounds such as perfluorooctanoic acid (PFOA) or perfluorooctane sulfonate (PFOS)?

Sustainability

What are the risks of remediation? (i.e. – production of more toxic byproducts, moving the risk geographically or unintended consequences)

The AIPG Michigan Section is not limiting the presentations to the topics listed above. Abstracts may include other relevant risk management related topics for consideration. Partnership is a critical piece to solving the complex risk management concerns that we encounter and is greatly encouraged in telling these case studies.

Important Dates

Abstracts Due	January 16, 2016
Authors Notified	February 12, 2016
Final Abstracts/ Power point presentations Due	May 21, 2016

Workshop Presentation

June 14 & 15, 2016

The program will be developed on the basis of a review of the abstracts to ensure that a high quality technical program is delivered. One page abstracts are to be submitted as Microsoft Word files. Abstracts must be in Word format, single spaced, 12 point Times New Roman, and should not exceed one page. Extended abstracts and full papers are welcome, but not required. Abstract submissions are not limited to AIPG members. Send abstracts to:

AIPG.MI.Section@gmail.com.

Questions regarding abstract submissions and the upcoming event should be directed to workshop co-chairs Sara Pearson (pearsons@michigan.gov) and Rick Dunkin (ecorock2009@gmail.com).

This training is an AIPG Michigan Section Event produced with technical support from the Michigan Department of Environmental Quality. This is not an MDEQ training event.