

AIPG Michigan Section Announces the

13th

Environmental Risk Management Workshop Data Driven Decision Making

June 11-12, 2024



CALL FOR ABSTRACTS

The American Institute of Professional Geologists (AIPG) Michigan Section is delighted to invite you to submit abstracts for the 13th annual Environmental Risk Management Workshop at the [Ralph A. MacMullan Conference Center](#) in Roscommon, Michigan on June 11-12, 2024. This technical training event is designed to empower environmental professionals through practical applications and insightful case studies. Our unique platform brings together experts from consulting, regulatory, academic, and industry sectors, fostering collaboration and partnership to address intricate environmental challenges in a peer-to-peer learning format.

Theme: Data Driven Decision Making

In 2024, we focus on the pivotal role of data in decision-making processes related to environmental contamination, public safety threats, remediation strategies, and site closures. High-quality data collection, rigorous quality assurance/quality control (QA/QC), and effective management of big data sets are imperative in today's digital age. As technology advances, we have more tools and resources at our disposal than ever before.

The 2024 workshop encourages discussions on innovations in data collection, interpretation, and management. We aim to explore strategic planning for data collection and evaluation, combining foundational knowledge with the latest innovations to tackle environmental issues with fresh perspectives.

We welcome abstract submissions with data as a primary focus and how it is used to make risk-based decisions in the following key areas:

- **Contaminant Characteristics:** chemistry, hydrogeochemical evaluations, phase transformation, co-mingling contaminant behaviors
- **Emerging Contaminants:** Per and poly-fluoroalkyl substances (PFAS), microplastics, pharmaceuticals, viruses
- **Tools for Evaluating Contaminant Fate and Transport:** Monitoring approaches, models, chemical analyses, unknown vs. known contaminants

- **Data Collection and Analysis:** data collection tools, groundwater modeling, calculation of the contaminant mass, documentation and CSM development, life cycle analysis and cost-to-closure solutions.
- **Geologic Conditions and Complex Environments:** geologic conditions influence movement, rate of contaminant migration based on soil type and lithology, retardation factors and influences, groundwater/surface water interface
- **Remediation:** Enhanced remedial approaches, measuring natural attenuation or source zone depletion, chemical and/or biological in-situ remediation
- **Closure:** Documentation to demonstrate risks are managed based on contaminant fate and transport, models, life cycle analysis and cost-to-closure solutions.

The Michigan Section is also calling for demonstration abstracts that can include outdoor demonstrations.

Presentation Details:

Two-part abstracts are welcome for more in-depth presentations.

Presentations are allotted 30-40 minutes.

Outdoor Demonstrations:

In addition to traditional case study abstracts, we are also inviting demonstration abstracts that may include outdoor practical demonstrations.

Join us at the 2024 AIPG Michigan Section Environmental Risk Management Workshop to share your expertise, network with industry leaders, and contribute to the advancement of the environmental science community.

Abstract Submission Deadline: January 15, 2024

Abstract submissions shall be emailed by the due date to the workshop chair, Sara Pearson at pearsons@michigan.gov.

For inquiries or further information, please contact Sara Pearson.

We look forward to your contributions and a successful event in 2024!

Submittal Deadline: January 15, 2024

AIPG Michigan Section Guidelines for Abstract Submittal

Important: The following guidelines provide details on the style and format of abstracts. The AIPG Michigan Section appreciates your interest and submittal of quality abstracts. Thank you.

Abstracts shall be no more than one page in length, and all text shall be 12-pt Times New Roman font with single spacing one-inch margins.

The abstract title shall be centered at the top of the page and be in bold 14-pt Times New Roman font. Directly below the title, list the presenter's names and organization(s) followed by the author's names.

Writing style should NOT be in first person. Rather, please use third person and the correct verb tense (e.g. present, future, past). The abstract should include the nature of the work and its relationship to the workshop theme and Environmental Risk Management, justification for the work, key/data findings and conclusions. Leave one blank line between paragraphs and other headings and text. Use right and left justification of all margins and do not indent paragraphs.

Please do NOT indicate in the abstract that particular information will be discussed during the presentation. The abstract should stand on its own merit and not point to the presentation that will be made at the workshop.

Please add a notation in the header of the abstract indicating topic category selecting from those listed in the text description on the front page of this flier.

Information on Authors

Please include the following:

Names of Presenter(s):

Last Name, First Name and Initial
Place of Employment, Job Title
Email address and Work/Mobile Phone Number(s)

If there are more than two presenters, please list the two key presenters first.

Names of Other Authors:

(Please include the information below for all key authors. If there are more than four authors, add the additional authors on a separate page.)

Name of Author(s):

Last Name, First Name and Initial
Place of Employment, Job Title
Email address and Work/Mobile Phone Number(s)

Presenter Biographies

Additionally, please include a brief author biography for each presenter with the abstract submission on separate pages.

Abstracts Due: January 15, 2024
Selection Notification: February 29, 2024
Submit to pearsons@michigan.gov

Questions? Contact Chair: Sara Pearson (pearsons@michigan.gov) Thank you.

Note: We are planning for this to be an in-person event. We are looking forward to hosting this event and hope to see you there!

