

AIPG Michigan Section Announces the

11th

**Environmental Risk Management Workshop
Best Practices for Groundwater
Remediation and Management**



REGISTRATION INFORMATION

Registration is now open for the American Institute of Professional Geologists (AIPG) Michigan Section 2022 Environmental Risk Management Workshop on **June 14-15, 2022**, at the **Ralph A. MacMullen (RAM) Conference Center** in Roscommon, Michigan.

The Michigan Section is hosting this event in person in 2022! We provide high quality technical training that focuses on practical application and case studies for environmental professionals. We bring together a broad base of topic expertise and perspectives from the consulting, regulatory, academic, and industry sectors. This unique workshop forum promotes collaboration and partnership to solve complex environmental problems in a peer-to-peer learning format.

This year our goal is to start a conversation about the **Best Practices for Groundwater Remediation and Management** at the workshop. Hazardous substances in groundwater pose a vastly complex set of challenges. Questions about the hydrogeologic setting, contaminant properties and characteristics, risks to possible receptors, and remedial and management options are raised. The standard approach more than 30 years ago was to pump and treat contaminated groundwater to remediate and mitigate the risk. Thanks to innovations applied by scientists and engineers at sites worldwide, whether adapted from other industries or original concepts, there are many more approaches being applied today as each site with groundwater contamination poses a unique set of circumstances and challenges.

Groundwater is a vital natural resource, and trillions of dollars and entire careers are spent on tackling issues related to groundwater contamination. We have learned that thoughtful and intentional approaches or strategic remediation and management

are needed to address contaminated groundwater. Strategic remediation and management include a holistic consideration of the problem evaluating the aquifer system, it's uses, and groundwater governance when determining what the risks are and how best to remedy them. Calculation of the environmental footprint of remedial alternatives, especially with the environmental, social, and corporate governance is an important consideration for organizations.

We are featuring several presentations about per- and polyfluoroalkyl substances (PFAS) remediation, groundwater modeling approaches, and tools and technology used in addressing groundwater contamination. We are also featuring two short courses, Vapor Mitigation System Design Using Hydrogeological Tools, and Geological Data Visualization Hands-On Short Course Using RockWorks Software.

Additionally, our Keynote Speaker Dr. Glenn O'Neil from Michigan State University's Institute of Water Research will be speaking on topic of "Exploring the Long-term Cost of Utilizing Institutional Controls for Groundwater Management in Michigan."

Groundwater remediation and management are an important part of the work we do everyday in addressing contaminated properties in Michigan.

To ensure the safety of our attendees, AIPG will be following the COVID-19 guidance for gatherings in place at the time of the event. We look forward to welcoming everyone back to the RAM in June!

Questions?

Contact [Sara Pearson](#) or [Tammy Rabideau](#), Workshop Co-Chairs!

Register Here

See You at the Workshop!
Space is limited so be sure to register early!