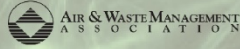


Advancements in Vapor Intrusion and Emerging Contaminant Air Quality Issues

September 23-24, 2020 • Chicago, IL



Call for Abstracts

Abstracts of 300 words or less must be submitted by March 13, 2020 to vapor@awma.org.

The Air & Waste Management Association (A&WMA) is pleased to announce a call for abstracts for a specialty conference on important technical considerations involving the investigation and mitigation of the vapor intrusion (VI) pathway, including indicators and tracers, toxicology, risk assessment, sampling and laboratory analysis, real estate transactions and risk communication. The conference committee is also seeking abstracts involving air quality issues associated with per- and polyfluoroalkyl substances (PFAS), 1,4-dioxane and other emerging contaminants (EC).

NEW!
Seeking Air Quality-
Related Emerging
Contaminant Papers

The conference, which will be held at the Sheraton Grand Chicago hotel in downtown Chicago, IL on September 23-24, 2020, builds off the momentum gathered during the nine previous specialty conferences sponsored by A&WMA in which presentations and panel discussions provided thought-provoking discussion on advancements to the evaluation of the VI pathway. This specialty conference will bring together internationally-recognized scientists, engineers, regulators, and attorneys with VI and emerging contaminants expertise to discuss the latest developments in these rapidly evolving areas of study.

Abstracts are being sought which demonstrate innovative scientific approaches to the investigation and mitigation of the vapor intrusion pathway and/or air quality issues associated with emerging contaminants. Abstracts should reflect original work and include new material that has not previously been published or presented. The following topics are candidates for platform presentations and panel discussions:

Vapor Intrusion Investigation

- Advancements in Assessment Methods
 - Use of VI Indicators and Tracers
 - Active and Passive Sampling
 - Mass Flux Characterization
 - Building Pressure Control
 - Compound-Specific Stable Isotope Analysis
- Laboratory Issues Associated with VI
- Predictive Modeling
 - Temporal Variability
 - Spatial Variability
 - Building Effects
- Litigation and Other Legal Issues
 - OSHA vs. EPA Authority
 - Enforceability of Screening Levels
- Toxicology and Risk Assessment
 - Addressing Short-Term TCE Toxicity Concerns
 - Methane Hazards
- Risk Communication and Public Outreach Best Practices
- Advancements in Discerning Background Indoor Air Contributions
- Approaches to Petroleum Hydrocarbons and Chlorinated Solvents
- Life-Cycle Cost Analyses
- Innovative Cost Reduction Strategies
- Case Studies

Per- and Polyfluoroalkyl Substances (PFAS) and Other Emerging Contaminants

- New regulatory developments
- Air emission studies
- Ambient air assessments
- Air emission controls applications
- Potential vapor intrusion concerns
- Inhalation toxicology studies
- Case studies

Regulatory Considerations, Mitigation Strategies, Risk Management and Legal/Insurance Issues

- Guidance for Chlorinated and Petroleum Hydrocarbons
- Evolution of State Guidance Documents
- VI Mitigation and Remediation Strategies
- Operation, Maintenance and Monitoring Techniques and Best Practices
- HVAC Considerations
- Financial, Insurance, Legal and Risk Management Considerations
- Preferential Migration Route Determinations
- Case Studies

Important Dates

March 13, 2020: Abstract Submission Deadline

April 3, 2020: Author Notifications

June 5, 2020: Draft Paper Deadline

June 26, 2020: Review Comments to Authors

July 2020: Preliminary Program Available

July 31, 2020: Final Paper and Author Permission Form Deadlines (for inclusion in the online proceedings and mandatory prerequisite for presentation at the conference)

August 21, 2020: Conference Early Registration Deadline/Hotel Cut-off

September 2, 2020: Refund Deadline

September 23-24, 2020: Conference

Conference Committee

Conference Chair:

Matthew Traister, Ramboll: matt.traister@ramboll.com

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