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## Three Technologies for Gathering Vapor Data, and Case Studies

Wednesday, March 6, 2024, 11:00 AM – 1:00 PM via Zoom

### PRESENTER BIOS

#### [Amplified Geochemical Imaging LLC \(agisurveys.net\)](https://www.agisurveys.net)

**Ray Fenstermacher:** Ray Fenstermacher is a professional geologist working with Amplified Geochemical Imaging, LLC (AGI) where he has been providing project management and geochemical interpretations since 2013. Ray has been focused on shallow soil gas geochemical interpretations derived from the application of passive adsorbent media. Prior to joining AGI, Ray worked with W.L. Gore & Associates, Inc. from 1996 to 2013 providing the same service under a different corporate structure where the technology was known as the “GORE-Sorber”. Prior to this, Ray worked in the environmental consulting field for 12 years providing project management and oversight for site assessment and groundwater remediation activities.

**Michael Brophy:** Michael Brophy is a Business Development Manager with Amplified Geochemical Imaging. He has a degree in Biology and has been in the environmental business for over 25 years. He has worked as an environmental consultant, environmental laboratory project manager and field service supervisor and waste services manager for two automotive manufacturing facilities. Prior to joining Amplified Geochemical Imaging, he was a Business Development Manager for analytical services with Eurofins, Spectrum Analytical based in Agawam, MA and with Paradigm Environmental Services based in Rochester, NY.

#### [Homepage - Vapor Pin®](#)

#### [Vapor Intrusion - Cox-Colvin & Associates \(coxcolvin.com\)](https://www.coxcolvin.com)

**Laurie Chilcote:** Laurie Chilcote serves as Director of Sales & Marketing for Cox-Colvin & Associates, Inc, and is Vice President of Vapor Pin Enterprises, Inc. and Vapor Pin do Brasil. In her role as Managing Director and Vice President of Vapor Pin Enterprises and Vapor Pin do Brasil, she provides managerial and technical oversight on all US and international marketing and sales for the Vapor Pin®, manages the firms US and international Patents and Trademarks, and establishes and oversees the firm’s network of international distributors. Ms. Chilcote provides lectures and poster presentations at numerous regional and international conferences as well as training to environmental firms, regulatory agencies, and developers on Vapor Intrusion and the Vapor Pin® technology, implementation, and quality control. Ms. Chilcote is a founding member and serves on the board of the Association of Vapor Intrusion Professionals (AVIP).

**Craig Cox:** Craig Cox currently serves as President and Principal Scientist for Cox-Colvin & Associates, Inc, and is responsible for providing managerial and technical oversight on major environmental projects conducted by the firm under RCRA, CERCLA, and Brownfield programs. Cox-Colvin & Associates, Inc., founded in 1995, provides environmental consulting services to public and private sector clients throughout the United States.

In addition to his consulting activities, Mr. Cox provides lectures and poster presentations at numerous regional and international conferences on the topics of groundwater contaminant migration and remediation, source area evaluations, and the assessment of vapor intrusion migration pathways. Mr. Cox is the inventor of the Vapor Pin® Sampling Device used worldwide, and is the primary architect of a variety of environmental database applications, including Data Inspector™. Mr. Cox received his B.S. and M.S. degrees in Geology and Mineralogy from The Ohio State University and a Professional Degree in Hydrogeology from the Colorado School of Mines. Mr. Cox is a founding member and sits on the board of the Association of Vapor Intrusion Professionals (AVIP).

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[VaporSafe® – The World Leader in Real Time Chemical Vapor and Monitoring Solutions](#)

**Blayne Hartman:** Blayne Hartman received his Ph.D. in geochemistry from the University of Southern California in 1983. Dr. Hartman has over 35 years of soil gas experience and over 25 years of vapor intrusion experience. Dr. Hartman is a nationally recognized expert on soil vapor sampling, soil vapor analysis, and vapor intrusion. He has provided training on soil gas methods and vapor intrusion to County and State regulatory agencies in over 35 states, many of the USEPA regions, the DOD, ASTSWMO, ITRC, API, ASTM and numerous stakeholder groups and consultants.