



## CAREER SUMMARY

Dr. Peter Zeeb, PG, LSP, principal hydrogeologist based in Massachusetts, focuses on the characterization and remediation of soil and groundwater impacted by recalcitrant and emerging contaminants of concern. He is highly experienced in site investigations, pilot tests, remedial strategy development/alternatives analyses, and full scale remedy design.

Over his more than 15 year professional career, Dr. Zeeb has served as the technical lead for hydrogeological, chemical fate and transport, and monitored natural attenuation evaluations. He has directed investigation and remediation strategy development at some of the most challenging sites in the country including CERCLA-regulated sites in New England and the Midwest, as well as numerous state-regulated sites on behalf of clients such as AstraZeneca, DuPont, Invensys, Shell, and Merck.

He continues to advance the state-of-the-practice through authorship of guidance documents on protocols and assessment methodologies for natural attenuation demonstrations focusing on groundwater impacted by chlorinated solvents and the gasoline additive, MTBE. He also serves as a steering committee member on the Remediation Technology Development Forum (RTDF) Source Area BioRemediation (SABRe) project, an applied R&D project located in central England designed to examine the efficacy of accelerated anaerobic bioremediation as an alternative treatment for source areas contaminated with dense non-aqueous phase liquids (DNAPLs), particularly TCE. In addition to his work on guidance documents for natural attenuation demonstrations,

Dr. Zeeb has authored more than 25 publications on groundwater and soil remediation, groundwater fate and transport modeling, and vapor intrusion. Among these is his doctoral dissertation on the effects of small scale subsurface features on groundwater flow and transport through wetlands, and the relationship of wetland systems to glacial aquifers. Because of the particular focus on the geochemistry and transport of arsenic, this work was of particular importance to those responsible for protection of public water supplies.

## Specialties:

- hydrogeologic investigation/analysis
- remedial strategy development
- contaminant fate and transport
- monitored natural attenuation
- expert consultation

## Education:

Ph.D., Civil and Environmental Engineering,  
Massachusetts Institute of Technology, Cambridge,  
Massachusetts, 1996

M.S., Civil Engineering, Water Resources, Stanford  
University, Stanford, California, 1991

B.A., Geology and Environmental Studies, Williams  
College, Williamstown, Massachusetts, 1985

## Professional Registration

Licensed Site Professional in Massachusetts, 2001 (#6572)

Registered Professional Geologist in New Hampshire  
(#210)