

## *Bedrock Geology of Southern New England*

### **Instructor Biography**

**Michael A. Penzo, LSP, PG, CPG**

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Michael A. Penzo, LSP, PG, CPG is in his 40<sup>th</sup> year as a Project Manager and Consulting Hydrogeologist. He has been a Massachusetts Licensed Hazardous Waste Site Cleanup Professional since 1998, a Certified Professional Geologist through AIPG since 1987 and a Licensed Professional Geologist in New Hampshire since its inception in 2002 all in good standing.

He specializes in the environmental auditing, investigation, environmental site assessment, feasibility analysis, design, and remediation of contaminated sites involving sediment, soil, surface water and groundwater media. Representative technologies have included soil vapor extraction/air sparging, dual phase extraction, pumping and physical/chemical treatment, bioremediation, air stripping, geophysical methods, aquifer pump testing, fracture trace analysis, demolition and sub slab ventilation. These sites have been regulated under the Massachusetts Contingency Plan (MCP) and American Society for Testing and Materials (ASTM), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA) and other state programs. Mr. Penzo has acted as Licensed Site Professional (LSP) of Record for sites under each phase of the MCP. He has also provided litigation support, including expert witness testimony, deposition and third party review. He has worked on projects throughout New England, and throughout the east coast and Canada.

Mr. Penzo is Past President and chair of the Past Presidents Council, a past member of the Board of Directors and a member of the LSPA since its inception. He is an active member of the PFAS group of the IRTC and the Newton-Needham Chamber of Commerce and former member of the City of Newton Local Emergency Planning Committee.

Mr. Penzo has been an adjunct faculty instructor in Northeastern University's College of Professional Studies since September of 2007. He is certified to teach online courses and has extensive knowledge of the fields of hydrogeology, contaminant hydrogeology, environmental geology, slope and fluvial geomorphology and environmental science. He was an adjunct faculty instructor at Bridgewater State University September of 2012 to December of 2019 and has taught courses in Contaminant Hydrogeology, Hydrology, Environmental Geology, Physical Geology (with laboratory) and the Geology of the National Parks. Mr. Penzo was an adjunct faculty member at the Wentworth Institute of Technology, in Boston, MA from 2018 to 2020 and taught a course in Physical Geology with laboratory.

He has a Bachelor's of Science in Geology from Northeastern University (cum laude) in Boston, Massachusetts and a Master's Degree in Geological Sciences from the State University of New York in Binghamton New York.