

# RUDOLPH P. FRIZZI, PE, GE, D.GE

Managing Principal / Executive Vice President

Geotechnical Engineering; Civil Engineering; Expert / Forensic / Surety Consulting

---

Mr. Frizzi's geotechnical engineering, civil engineering, and related project management experience is extensive, with particular emphasis on: foundation design and construction in urban areas, and large-scale land and waterfront public and private development projects throughout the United States and internationally. During his over 30 years in the industry, he has interacted on projects located in practically every continent world-wide, and has performed geotechnical investigations and designs, prepared plans and technical specifications, and observed field testing and construction as geotechnical "engineer of record" on countless projects. Mr. Frizzi has obtained extensive field, office supervision, and project management experience including soil and rock sampling and in-situ testing; monitoring pre, during, and post-construction with state-of-the-art geotechnical instrumentation; nondestructive testing; aqueous and sub-aqueous inspections and investigations; and heavy construction field observation which has contributed to his practical approach to geotechnical problem solving.

Mr. Frizzi's areas of expertise includes: engineering shallow and deep foundation systems for super-tall structures, stadia, and arenas; temporary and permanent lateral support systems in deep excavations; earthwork and retaining walls; construction dewatering; geotechnical instrumentation and vibration monitoring; soft and hard rock treatment; surcharging of organic soils and loose sand; waterfront structures (levees, embankment dams, and related flood protection infrastructure); tunnels; and forensic investigations.

In addition to his "engineer of record" experience, Mr. Frizzi has provided expert geotechnical consultation and trial testimony on over 80 excavation and foundation litigation cases throughout the United States and internationally. Mr. Frizzi has also prepared and presented over 50 technical presentations at universities, conferences, and seminars throughout the United States and internationally on a variety of geotechnical issues, including land development engineering, foundation design, and construction.

## **Other Experience**

---

**Columbia University, School of Civil Engineering and Engineering Mechanics**, New York, NY. - Adjunct Professor - 2015 to present

**Pratt Institute, School of Architecture**, New York, NY - Visiting Assistant Professor of Construction Management - 2006 to 2012

**U.S. Army Corps of Engineers - CERL**, Champaign, IL - Construction Maintenance Division - 1986 to 1987

**University of Illinois**, Urbana, IL - Geotechnical (Civil) Engineering Department Research Assistant – 1986

**Ohio Department of Transportation**, Columbus, OH - Engineering Intern - 1984 and 1985

## **Example Projects/Cases, Lectures, Presentations, and Publications**

---

Available upon request



## **EDUCATION**

M.S., Civil Engineering University of Illinois at Urbana-Champaign

B.S., Civil Engineering  
The Ohio State University

## **PROFESSIONAL REGISTRATION**

Professional Engineer (PE) in CA, CO, CT, FL, GA, HI, MA, MN, MS, NC, ND, NJ, NY, NC, OH, PA, SC, TX, VA, WA

Registered Professional Geotechnical Engineer (GE) in CA

Diplomate, Geotechnical Engineering –  
The Academy of Geo-Professionals

## **AFFILIATIONS**

**The Moles**

**Deep Foundations Institute**

Past President

Past Chairman of Augered Cast-in-Place (ACIP) Pile Committee

Member, ACIP Pile, Codes and Standards, Drilled Shaft, Marine, Micropile, Seismic / Lateral Load, and Sustainability Committees

**American Concrete Institute (ACI)**

Past Chairman, current Voting Member, Committee 543 - Concrete Piles

Chairman and Voting Member, Committee 336 - Footings, Mats, and Drilled Piers

Chairman, ACI 336 Subcommittee "Mats on Deep Foundations"

Voting Member, Committee 318F "Structural Concrete, Foundations"

**LANGAN**