



**QUALIFICATIONS**

*Civil/Environmental Engineer and Construction manager with more than 39 years of valuable experience in the design of building sites, structures, and heavy civil projects – including offshore structures, environmental engineering and remediation. He is experienced in construction claims analysis and resolution. Dr. Toneatto has provided expert testimony in mediation, arbitration, and various courts on issues of engineering and construction. Serves as President of Adler Engineers, Inc. and of Adler Associates, Inc.*

*Mr. Toneatto is a consultant to THE WHEATLEY COMPANIES<sup>(SM)</sup>.*

**PROFESSIONAL LICENSES**

- Registration/Licenses as Professional Engineer (P.E.): New Jersey, Pennsylvania, New York, Illinois, Texas, and Maryland
- Registration/License as Professional Planner (PP): New Jersey
- UST (Underground Storage Tank) Certified: NJ Dept. of Environmental Protection

**EDUCATION**

- United States Military Academy – BS Engineering, 1967
- University of Illinois, Urbana, IL, – MS, Civil Engineering (Structural Dynamics), 1972
- Long Island University (C.W. Post Centre), Greenvale, NY – MBA Finance, 1981
- University of Illinois, Urbana, IL, PhD – Civil Engineering (Structures), 1978

**PROFESSIONAL MEMBERSHIPS**

- National Society of Professional Engineers (Former Member)
- Pennsylvania Society of Professional Engineers (Former Member)
- American Society of Civil Engineers (Former Member)
- Society of American Military Engineers (Life Member)
- The Union League of Philadelphia
- Association of Graduates, USMA, West Point (Life Member; Former Member Alumni Support Committee)
- West Point Society of New York (Life Member)
- Alumni Association, University of Illinois (Life Member)
- West Point Society of Philadelphia (Life Member; President 1994-1997, 1999-2004; President Emeritus 2005-Present)
- Army Athletic Association (AAA)
- Southern New Jersey Development Council (Former Member, Board of Trustees)
- Union League of Philadelphia

**GENERAL EXPERIENCE**

Dr. Toneatto has over 39 years of valuable experience on domestic and international projects in project/construction management, engineering design, contract administration, organization and management and construction claims analysis and resolution.

He has provided expert testimony in mediation and various court venues, on issues of engineering and construction. He has been the lead engineer for security/threat/vulnerability analysis and design for a major utility and for several port and transportation facilities.

His professional activities have included the design of structures, environmental engineering, remediation, and heavy civil works, including a rock crushing quarry, highway projects and bridges, waste management projects, and military projects. He is trained in OSHA requirements for civil works, and teaches seminars in various engineering topics. He is fluent in English, German, Italian and Friulian, and has served as a simultaneous translator/interpreter, English-German-Italian.

## CIVIL AND ENVIRONMENTAL ENGINEER

REPRESENTATIVE PROFESSIONAL EXPERIENCE
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**Construction Facilities Manager.** As Construction Facilities Manager, designed, constructed and managed a major facility including a rock-crushing quarry, asphalt plant, Portland cement/lime stabilization plant, soils testing laboratory and a major construction equipment maintenance depot. The facilities group under his management consisted of six Managers/Supervisors and about 280 personnel.

- Supervised layout, erection and utilisation of the complex
- Daily output record set by the asphalt plant
- Personally set up the entire soils analytical testing laboratory
- Received several recognitions for outstanding performance

**Engineering Remediation Design Manager:** As Division Manager for an environmental engineering firm, organised and managed an experienced multi-disciplinary team of professionals to provide a comprehensive design capability to an engineering/consulting firm expanding into the waste management design market. The Division managed by Dr. Toneatto included Process, Mechanical, Electrical and Civil Engineers, as well as Designers, Estimators and Specification Writers.

- Personally computerized all CAD (Designing/Drafting) efforts
- Completed first major design project within 120 days of start-up

**Offshore Structures:** As Site Evaluation Project Leader, Offshore Structures Division, Identified geotechnical/geological hazards (including the arctic environment) and predicted their effects on proposed offshore steel, concrete and gravel island structures. He served as Senior Engineering Specialist in Structure Development and Design.

- Budget Coordinator – Offshore Structures Division
- Coordinator for single- and multi-platform projects
- State-of-the-Art Studies to Evaluate The Marine Environment
- Evaluator of Structural Concepts: North and Bering Seas
- Familiar with every major producing area in the world
- Authored numerous proprietary publications in design

**Building Construction Manager:** Served as Project Officer, Field/Office Engineer and Contracting Officer's Representative for the Washington, DC, Bulk Mail Centre, which was the prototype for thirteen other centres across the country. Acted as the direct contact in the Washington, DC, area between the Office of the Chief of Engineers and the U.S. Postal Service. Experimental mechanical equipment made up approximately 25% of the Project's costs. Served in the same position for numerous other projects in the Washington DC Area.

- Managed and controlled up to 28 union subcontractors
- Completed the projects on-schedule and within expected cost
- Received an award for exemplary performance for each project

**Highway Construction Manager:** Served as Direct Supervisor of all operations for the design and construction of 62.5 kilometres of Class E Highway including the personal design of six major bridges and 138 culvert crossings using both accepted civil codes and military specifications. The Engineer Construction Force he headed consisted of over 1,200 men. The highway was QL-1 in the Republic of Vietnam.

- Devised the Construction Plan for the entire project
- Used CPM/PERT extensively to monitor construction progress.

**Professor of Civil Engineering and Course Director:** Department of Civil Engineering, United States Military Academy, West Point. He structured, revised and taught courses in Advanced Structural Analysis and the Honours Course in Structural Analysis and Steel Design; authored and taught the Soils Mechanics course. Prior to this he served on the faculty of the Department of Civil and Mechanical Engineering of the USMA at West Point, and on the faculty of the US Army Engineer School at Fort Leonard Wood, MO.

CIVIL AND ENVIRONMENTAL ENGINEER

**NATO Executive Assistant:** Served as the Executive Assistant to the Commander of Allied Land Forces, Southern Europe, a NATO 4-Star General. He was the Senior American Officer in the NATO Command Group.

- Fluent in German, Italian and Friulian (Romanian base)
- Simultaneous Translator/Interpreter English-German-Italian
- Extensive travel experience throughout Europe
- Knighted by the President of the Republic of Italy

**Military Commander:** Served as Commanding Officer of units in the U.S., Europe and Vietnam, and as U.S. Military Academy (USMA) Regional Commander and Liaison Officer for Admissions, Greater Philadelphia Area.

- Numerous prestigious military awards and honours for service and achievement

**General Manager, Environmental Firm:** Served as Manager, East Coast Operations. He had complete P&L responsibility for all East Coast operations, products and clients of a national environmental/risk management consulting firm.

- Opened first full-service office on the east coast.
- Personally set up all functions for a major regional office
- Quadrupled East Coast revenues in first year of operation
- Author of only EPA permit for open burning of explosive ordinance in the US

**President, Security Consultant Organization:** Organized a group of security professionals for the performance of Threat and Security Assessments and implementing the recommendations provided. This was the only group at the time offering turn-key project expertise through design and construction of both electronic and physical security systems.

- Led a team of experts in performing the first post-9/11 Threat Assessment on a major utility
- Engineer of Record for the design of anti-terrorist measures at the same major utility.

**President, Engineering/Environmental Firm:** Complete company Profit & Loss (P&L) responsibility for all operations of the firm specializing in Engineering, Environmental, Real Estate, Land Use, Health & Safety and Security Consulting. Personally set up all functions for a new operation.

**Expert Witness/Forensic Engineer:** Provided expert reports, depositions and court testimony in support of litigation.

- Lead engineering expert for litigation involving the Tropicana Garage Collapse in Atlantic City, NJ
- Established expertise in Civil/Structural Engineering, Project/Program management and Control, Construction Site Safety, etc.
- Clients have included General Motors, Voit Corporation, Carolina Steel, and numerous law firms.

PROFESSIONAL  
HISTORY

- U.S. Army Corps of Engineers, 1967-81
- EXXON Production Research Company, 1981-86
- Woodward-Clyde Consultants, 1986-87
- Pilko & Associates, Inc., 1988-90
- Adler Associates, Inc., 1990-2006
- Adler Engineers, Inc., 1997-Present
- Adler Geoscience, Inc., 1998-2004

<p>AWARDS AND HONOURS</p>
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**MILITARY AWARDS**

- Knighted by the President of the Republic of Italy
- Awarded Legion of Merit
- Viet Nam War Veteran
- Two Bronze Star Medals for Service in a Combat Zone
- Graduate, U.S. Army War College
- Graduate, U.S. Army Command and General Staff College
- Graduate, U.S. Army Corps of Engineers Officer Advanced Course
- Graduate, U.S. Army Corps of Engineers Officer Basic Course
- Foreign Area Officer (FAO): Specialty: Western Europe
- U.S. Department of the Army Program manager (PM)
- Airborne (Paratrooper) Qualified
- Ranger (Black Beret) Qualified
- Schooled/Qualified: Atomic Demolitions, Bridges and Maintenance.
- Numerous other awards for service and achievement
- US Military Academy Regional Commander/Liaison Officer for Admissions.

**ALUMNI SOCIETY PRESIDENT:** Served as President of the West Point Society of Philadelphia longer than any other president since its inception in 1926.

- Quadrupled membership in first 5 years of tenure
- Society was designated as a national “distinguished Society” nine consecutive times
- Established the “Alexander M. Haig, Jr. – Guardian of Liberty Award” in 2000
- Chairman, Career Advisory Committee: Personally assisted over 129 Alumni in successful job searches
- Chairman, Networking Luncheon: Attracted from 50-90 attendees every month for a period of 8 years

**CHAIRMAN, CONDOMINIUM BOARDS:** Served as Chairman of two condominium boards (Valley Court Condominiums in Philadelphia, PA; and Ocean 17 in Ocean City, NJ)

- Initiated first Reserve Studies for both organizations
- Cut operating costs, keeping condominium fees in check
- Managed and controlled major renovation projects at both facilities.