

PROFILE

A Principal Consultant with over 38 years of engineering experience including forensic investigations, industrial explosions, infrastructure, commercial facility fires, wind/wave determination, building envelope and structural damage, geotechnical investigations, real time meteorological analysis, and hydrological flood-wave studies. Mr. Gagaris has extensive knowledge involving catastrophe response for residential, commercial, industrial, and utility plants or facilities. He also has provided expert witness testimony. Key strengths include the following:

- ▶ Wind Damage Assessment
- ▶ Fire Damage Assessment
- ▶ Water Intrusion
- ▶ Blast Damage
- ▶ Habitational Structures
- ▶ Commercial Buildings
- ▶ Hospitals
- ▶ Resorts
- ▶ Brick and Concrete Structures
- ▶ Concrete Construction
- ▶ Levees / Dams / Spillways
- ▶ Athletic Facilities
- ▶ Commercial Mechanical Equipment Evaluation
- ▶ Airports
- ▶ Railroad Stock, Wayside Equipment, and Facilities
- ▶ Builders Risk Investigations
- ▶ Site Drainage
- ▶ Catastrophe Response
- ▶ Foundations
- ▶ Storm Surge Damage Assessment
- ▶ Freeze Damage Assessment
- ▶ Mold / Air Quality
- ▶ Construction Vibration
- ▶ Tunnels
- ▶ Motels / Hotels
- ▶ Shopping Malls
- ▶ Specialty Construction
- ▶ Docks / Marinas/ Ports
- ▶ Wood Construction
- ▶ Commercial Electronic Equipment Evaluation
- ▶ Commercial Construction Equipment and Accidents
- ▶ Electrical Power Facilities
- ▶ Educational Facilities and Laboratories
- ▶ Corrosive Drywall Investigations
- ▶ Hydroelectric Facilities and Laboratories
- ▶ Vehicle Impact Damage Evaluations

- ▶ *Industries:* forensics, energy and power, petroleum (refining and storage), transportation facilities, commercial and industrial buildings, water and wastewater, and residential structures.

Computer Skills: Windows and MS Office (Word, Excel, PowerPoint).

EDUCATION

Bachelor of Science, Applied Science and Engineering, 1978

U.S. Military Academy – West Point, New York

OFFICE

14 Industrial Drive East
South Deerfield, MA 01373

CONTACT

Office: +1 888 782 3473

Cell: +1 919 656 2791

Fax: +1 866 914 7561

Daniel.Gagaris@envistaforensics.com

CORPORATE OFFICE

5565 Glenridge Connector
Suite 900

Atlanta, GA 30342

WEBSITE

www.envistaforensics.com

LICENSES

Professional Engineer (PE):

- ▶ Connecticut
- ▶ Louisiana
- ▶ Maine
- ▶ New Hampshire
- ▶ Rhode Island
- ▶ Texas
- ▶ Vermont
- ▶ Virginia
- ▶ Washington

CERTIFICATIONS

California Office of Emergency Services Safety Assessment Program Evaluators

PROFESSIONAL AFFILIATIONS

- ▶ American Society of Civil Engineers, Member
- ▶ Society of American Military Engineers, Past Member
- ▶ Kiwanis International, Member and Past Club President
- ▶ Order of Elks, USA Member
- ▶ The American Legion, Member
- ▶ Honorable Order of the Blue Goose, International Member

PROFESSIONAL BACKGROUND

March 2016 – Present: Envista Forensics – Greenfield, Massachusetts

Principal Consultant

June 1993 – March 2016: Douglas A. Peterson & Associates, Inc. – Greenfield, Massachusetts

Chief Operating Officer and Director of Catastrophe & Infrastructure Investigations / Project Manager / Staff Engineer

October 1992 – May 1993: Douglas A. Peterson & Associates, Inc. – Greenfield, Massachusetts

Consulting Engineer

June 1978 – January 1993: U.S. Army Corps of Engineer – United States, Germany, and Panama

Catastrophe Response Manager / Project Manager / Project and Area Engineer / Engineer Supervisor / Branch Chief/Senior Instructor – Writer / Operations Manager

PROFESSIONAL DEVELOPMENT

- ▶ Technical Symposium on Corrosive Imported Drywall, Tampa, Florida 2009
- ▶ Asbestos Abatement, Georgia Tech University, Atlanta, Georgia 1988
- ▶ Construction Management, Corps of Engineers, 1986
- ▶ Construction Contract Negotiations, Corps of Engineers, 1986

- ▶ Engineer Officers' Advance Course, U.S. Army Engineer School, Ft. Belvoir, Virginia 1982
- ▶ Engineer Officers' Basic Course, U.S. Army Engineer School, Ft. Belvoir, Virginia 1978

PUBLICATIONS / PRESENTATIONS

- ▶ "Case Study: The Berkeley Earthquake", New York Power Conference, 2015, New York, New York, panelist.
- ▶ "Earthquake Overview," Bluegrass Insurance Management, CAT Conference, 2015, Orlando, Florida, panelist.
- ▶ "Earthquake Overview," Zurich Core Team Meeting, 2014, Schaumburg, Illinois, panelist.
- ▶ "El Nino and the Effects on the 2012 Hurricane Season," The Hartford Pond September Meeting, Honorable Order of the Blue Goose, International, 2012 Hartford, Connecticut.
- ▶ "Earthquake Overview," Zurich Core Team Meeting, 2012, Schaumburg, Illinois, panelist.
- ▶ "Solar Storms," RLI Insurance Co., Property Meeting, 2012, Peoria, Illinois.
- ▶ "Earthquake Overview," RLI Insurance Co., Property Meeting, 2012, Peoria, Illinois, panelist.
- ▶ "Flooding Losses – On the Rise," Property Claim Services' Catastrophe Conference, 2012, Baltimore, Maryland
- ▶ "Chinese Drywall Claims – An Update," Property Loss Research Bureau, Liability Insurance Research Bureau Claims Conference, 2011, Nashville, Tennessee, panelist.
- ▶ "Earthquake Overview," Zurich Core Team Meeting, 2011, Schaumburg, Illinois, panelist.
- ▶ "Corrosive Drywall Status Report & Investigation Considerations," Vermont Claims Association, 2010, Colchester, Vermont.
- ▶ "Chinese Drywall: Update on Coverage & Subrogation," Property Loss Research Bureau, Liability Insurance Research Bureau Claims Conference, 2010, San Antonio, Texas, panelist.
- ▶ "Corrosive Drywall, aka Chinese Drywall," Loss Executives Association Mid-Winter Conference, 2010, Tampa, Florida, panelist.
- ▶ "Earthquake Overview," Zurich Core Team Meeting, 2008, Schaumburg, Illinois, panelist.
- ▶ "Earthquake Overview," Zurich Core Team Meeting, 2005, Schaumburg, Illinois, panelist.
- ▶ "Responding to Mold: Routine Fire Losses to Ground Zero," Loss Executive Association, The National Forum for Property Loss Professionals, 2002, Princeton, New Jersey.
- ▶ "Terrorism: What We're Learning from Recovery/Restoration at Ground Zero," Annual Congress & Exposition presented by Claims Magazine and Society of Claim Law Associates, 2002, Orlando, Florida, panelist.
- ▶ "Building Damage Issues: Recovery-Restoration at Ground Zero," Property Loss Research Bureau, Pre-Conference Program, 2002, Anaheim, California, panelist.
- ▶ "Managing Service Providers in Catastrophe Operations," Property Claim Services' Catastrophe Conference, 2001, Savannah, Georgia.
- ▶ "Flood Catastrophes and Cost Estimates," National Association of Catastrophe Adjusters, 1999, New Orleans, Louisiana.
- ▶ "Controlling Contamination Risk and Adjuster Safety," Mid-Hudson Claims Association, 1998, Newburgh, New York.
- ▶ "Controlling Contamination Risk and Adjuster Safety," Property Claim Services' Catastrophe Conference, 1998, San Diego, California, panelist.
- ▶ "Analysis of Recent Catastrophes - Flood Overview," Property Loss Research Bureau, Liability Insurance Research Bureau Claims Conference, 1997, Atlanta, Georgia, panelist.
- ▶ "Recognizing Hazardous Materials in Claims Situations," Loss Executives Association Mid-Winter Conference, 1994, Tampa, Florida, panelist.

- ▶ “Cost Estimates and Catastrophes,” Annual Training Conference, William H. McGee Company, Inc., 1993, New York, New York.
- ▶ “Asbestos Considerations for Construction Projects,” US Air Force Medical Symposium, 1989, Wright Patterson Air Force Base, Ohio.

EXPERT TESTIMONY

- ▶ Deposition: Burlington County Bridge Commission vs. Certain Underwriters of Lloyds, Docket #L-489-07, Superior Court of New Jersey, March 5, 2009
- ▶ Deposition: Supex, Inc., dba Dririte of Hillsborough County vs. Fortune Street Partners, Ltd. and Fortune Street Hotel, Inc. vs. Zurich North American Insurance Company of Illinois, Case No. 05-CA-003221, Circuit Court of Thirteenth Judicial Circuit in and for Hillsborough County, State of Florida Civil Division, April 28, 2011

REPRESENTATIVE PROJECT EXPERIENCE

Costa Rican Earthquake

Costa Rica

- ▶ Relief operations involved all major engineering disciplines at public facilities and utility systems including government office buildings, schools, health facilities, roads, bridges, airfields, seaports, as well as electrical, water, and sewage distribution systems. Engineering services provided include scope of damage assessments, estimates for repairs or replacement, emergency repairs, and geotechnical investigations.

Nation Assistance Construction Mission

Bolivia, Honduras, and Panama

- ▶ In charge of planning, coordinating and executing nation assistance construction missions throughout Central/South America. Planned and supervised the execution of three \$2.0 million engineer exercises in Bolivia, Honduras, and Panama. Also developed and managed the master plan for use of housing and other real estate in Panama/Honduras. Performed quality control inspection on several construction projects including airfields, roads, bridges, schools, health facilities, and water well drilling operations. Work included engineering disciplines of structural concrete, electrical and plumbing systems, building envelope repairs, geotechnical problems, and use of explosives in blasting operations.