



HUDSON INTERNATIONAL CONSULTANTS AND ENGINEERS

ROBERT E. HUDSON, P.E. **Principal Engineer, Vice President**

Mr. Hudson is the Vice President and Principal Engineer at Hudson International. He is a Professional Engineer (PE) licensed in 17 states in the US, focusing on structural damage, geotechnical issues, and liability analysis. He has experience performing forensic inspections on commercial and residential properties, reporting on cause of failure, extent of loss, and personal injury liability analysis. He is a licensed commercial drone pilot allowing him to perform inspections in difficult-to-access locations. Mr. Hudson also reviews all forensic investigative reports by all consultants at Hudson International before delivery, giving him a wide breadth of knowledge in many technical disciplines.

Mr. Hudson has also spent much of his career working in the marine engineering and construction industry, focusing on waterfront infrastructure. He has extensive experience performing structural inspections of marine infrastructure, producing inspection reports, and designing repairs. Mr. Hudson also has experience as a design engineer and project manager, designing and managing new construction projects worth up to \$15 million.

Education

- Bachelor of Science in Civil Engineering – Drexel University
- Master of Divinity, Pastoral Ministry -Westminster Theological Seminary

Licenses and Registrations

Licensed Professional Engineer (PE):

- Maine
- New Hampshire
- Vermont
- Massachusetts
- Rhode Island
- Connecticut
- New York
- New Jersey
- Pennsylvania
- Delaware
- Maryland
- Virginia
- North Carolina
- South Carolina
- Florida
- Louisiana
- Texas

FAA Remote Pilot – Small Unmanned Aircraft System – Certificate # 4920466

Transportation Workers Identification Credential (TWIC)

Technical Committees:

- Committee on Forensic Practices - ASCE
- Waterfront Inspection Committee - ASCE

Professional Skills

- Structural Engineering
- Geotechnical Engineering
- Pile Design / Analysis
- Liability Analysis
- Forensic Analysis
- Business Management
- Project Management
- Report Preparation
- Research
- Public Speaking

Professional Experience

Hudson International, Cherry Hill, NJ

Vice President / Forensic Consultant – Perform forensic inspections on commercial and residential structures. Areas of focus are structural and foundational defects, and liability analysis. Perform technical reviews of all forensic reports completed by all consultants at Hudson International before delivery to client. Manage Surety Claims operations. Run day to day business operations.

S.T. Hudson Engineers, Cherry Hill, NJ

Project Engineer – Performed Inspections of waterfront infrastructure, produced reports with condition assessment ratings, and recommendations for repair. Worked as a design engineer to design multimillion dollar structures such as mooring dolphins, bulkheads, above water walkways, and structural pile repairs. Acted as a project manager to manage team completing each project.

Pennoni Associates, King of Prussia, PA

Material Testing Technician – Worked onsite at construction sites performing material testing. This included concrete testing and sampling, structural grout sampling, and soil compaction testing. Was responsible for determining if materials were of acceptable quality to be used.

Professional Affiliations

- American Society of Civil Engineers (ASCE) – M.ASCE – Member
 - Forensic Engineering Division
 - Structural Engineering Institute (SEI)
 - Philadelphia Chapter
- Surety Claims Institute – Member
- Philadelphia Surety Claims Association - Member
- Philadelphia Loss Conference - Member
- South Jersey Claims Association – Member
- Blue Goose, Penn Pond - Member
- Ports of Philadelphia Maritime Society- Member