



**Civil Engineering Consultant Structural  
Engineering Analysis Windstorm Damage  
Expert Coastal Engineering Analysis  
GIS/GMS Property Damage Analytics**

## **JACK L. HALLIWELL, P.E.**

### **President**

*Jack Halliwell is President of Halliwell Engineering Associates, Inc (HEA) a forensic engineering and architectural firm. He has over 30 years of experience in the investigation and analysis of building-related damages and failures. As program manager for the firm's investigation of building-related damages, Mr. Halliwell develops and manages the company's analytical processes for evaluating the cause and origin of large scale property damages, identifying the mode of casual failures and evaluating the scope of required repairs and/or replacements. He provides program management for large scale CAT losses and litigation strategy for complex claims.*

## **MAIN AREAS OF EXPERTISE**

### **Civil/Structural/Environmental Engineering**

**Program Management of Complex CAT Claims  
Cause and Origin Analysis of Building System Failures  
Scope of Damage/Scope of Repair Investigations  
Repair vs. Replacement Analysis  
Failure Analysis: Design, Construction and Pre-Existing Conditions**

## **REGISTRATIONS**

### **Licensed Professional Engineer:**

Arizona	Massachusetts	Pennsylvania
Arkansas	Michigan	Rhode Island
Colorado	Mississippi	South Carolina
Connecticut	New Hampshire	Tennessee
Florida	New Jersey	Texas
Maine	New York	Vermont
Maryland	Ohio	Virginia