



Christine Alfano Ph.D., P.E.

Senior Engineer

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Dr. Standohar-Alfano is a Senior Engineer with Haag Global. She has inspected and assessed damage to hundreds of roofs including asphalt composition, tile, and various commercial roofing systems. She has written and published many articles on tornadoes and resultant damage in peer-reviewed literature and she has presented her results at numerous national and international conferences. Additionally, she has participated in several large-scale post-disaster surveys for tornadoes and hurricanes. Dr. Standohar-Alfano has provided expert testimony as both a meteorologist and engineer in cases involving roof and building envelope performance. She has also taught several continuing education courses for Haag Education and for Haag's Certified Inspector programs for residential and wind damage certification. Prior to joining Haag, Dr. Standohar-Alfano was a research engineer and was involved in testing small- and full-scale building components and systems against wind, wind-driven rain, wildfire, and hail.

Primary Areas of Consulting

- **Roofing Systems**

- Commercial and residential
- Wind/hail damage evaluations
- Quality of manufacture and installation

- **Building Envelope Systems**

- Commercial and residential
- Wind/hail damage evaluations
- Quality of manufacture and installation

- **Evaluation of Wind Damage to Structures**

- Commercial and residential
- Hurricane, tornado, and straight-line wind evaluations

- **Construction Defect Evaluations**

- Commercial and residential
- Moisture intrusion evaluations
- Building code compliance

- **Meteorological Investigations**

- Severe weather events
- Storm surveys
- Precipitation/temperature/wind analysis

Licensed Professional Engineer in the States of: North Carolina, South Carolina, Tennessee, Georgia, Florida, Virginia

Memberships/Honors

- American Meteorological Society

- Society of Women Engineers
- American Society of Civil Engineers
- Chi Epsilon Pi Meteorology Honor Society

College Education

- Bachelor of Science - Meteorology, Summa Cum Laude
Valparaiso University
- Master of Science - Meteorology
University of Miami
- Doctorate in Civil Engineering
Colorado State University

Testimony history available upon request.

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