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Carlos A. Ortega is a Senior Project Manager at Simpson Gumpertz & Heger. Carlos is a licensed Structural Engineer in Nevada and a Professional Civil Engineer in Texas, Louisiana, Alabama, Florida, New Mexico and Rhode Island. Carlos' academic background includes Master's and Ph.D. degrees in Civil Engineering with a focus on Structural Engineering from the Missouri University of Science and Technology.

Carlos has 15 years of experience in structural engineering, and his experience covers a broad range of applications, including the analysis and design of structures subjected to natural hazards, high winds, seismic, fire, blast loads, and other typical loading conditions; analysis and design of modular structures; ; marine infrastructure projects; and litigation support in disputes related to construction and collapse. Carlos has previously served in the ASCE Energy Division's Task Committees for Onshore Heavy Industrial Modularization and Blast-Resistant Design, and is currently serving in the Task Committees for Wind-Induced Forces (Secretary) and Performance-Based Structural Fire Design (Chapter Lead). He currently also serves in the ASCE 7-28 Wind and Seismic Subcommittees. He has co-authored several Structures Congress papers since 2018.