

Morgan Griffith, P.E.
Managing Engineer

Professional Profile

Mr. Morgan Griffith is a Managing Engineer in Exponent's Buildings and Structures practice. He specializes in the areas of non-linear structural analysis, performance-based design and assessment of structures, earthquake engineering, and soil-structure interaction. Mr. Griffith has performed analyses of structures under extreme loading conditions including those imposed by seismic, wind, flood and snow loads. Mr. Griffith has assessed damage to structures due to earthquake, wind, fire, ground settlement and material degradation such as wood decay and steel corrosion. He has experience in the design and analysis of wood, steel, and concrete structures as well as in geotechnical investigations for offshore foundation design.

Prior to joining Exponent, Mr. Griffith worked as a geotechnical engineer in The Netherlands and as a design engineer in the San Francisco Bay Area where he was involved in a variety of civil and structural engineering projects. At the University of California, Berkeley, Mr. Griffith served as a Graduate Student Instructor for a course in civil engineering materials.

Academic Credentials and Professional Honors

M.S., Civil and Environmental Engineering, University of California at Berkeley, 2004
B.S., Civil and Environmental Engineering, California Polytechnic State University at San Luis Obispo, 1999

Licenses and Registrations

Registered Professional Civil Engineer, California, #C65757
Safety Assessment Evaluator, California Office of Emergency Services #SAPV62303

Publications

Wolf J, Griffith M. Wind-driven rain as a design parameter. ASCE Structures Congress, Vancouver, B.C., 2008.

Moncarz P, Griffith M, Noakowski P. Collapse of a reinforced concrete dome in a wastewater treatment plant digester tank. Journal of Performance of Constructed Facilities, American Society of Civil Engineers 2007; 21(1), January/February.

Gupta A, McDonald BM, Griffith M, Osteraas J. Displacement coefficients for conventional residential wood-frame structures. 100th Anniversary Earthquake Conference Commemorating the 1906 San Francisco Earthquake, San Francisco, CA, April 18–22, 2006.

Fiegel G, Elia V, Griffith M. Geotechnical engineering for elementary school students. Proceedings, Educational Issues in Geotechnical Engineering by the Geo-Institute of the American Society of Civil Engineers, Denver, CO, August 5–8, 2000.

Selected Invited Presentations

Griffith M. Engineering issues for post-earthquake damage assessment. Presented to various insurance companies and independent insurance adjustor associations, CA, CO, GA, 2005–2007.

Griffith M. Avila Beach petroleum cleanup project. Presented to Fugro Engineers, Leidschendam, The Netherlands, February 2000.

Professional Affiliations

- Structural Engineers Association of Northern California (member)
- American Society of Civil Engineers (member)