

Erich V. Zorn, PhD, PG – Senior Geologist at DiGioia Gray & Associates

Erich Zorn was born and raised in Pittsburgh, and earned his BS in Geology (2002), MS in Structural Geology (2005), and PhD in Geology/Geophysics (2016) from the University of Pittsburgh. Over the years, Erich has worked as a consultant in a variety of roles, ranging from Field Technician at Hedin Environmental and US Filter Operating Services (Veolia), to Engineering Geologist at URS Corporation (AECOM) and Paul C. Rizzo Associates, to Senior Geologist/Project Manager at DiGioia Gray & Associates (current). Erich spent 5 years as a researcher at the US Department of Energy – National Energy Technology Laboratory while completing his PhD and Post-Doctoral work on the geomechanics of unconventional gas fields during hydraulic fracturing.

Erich has been at DiGioia Gray since 2017, where he is responsible for geohazard assessments and subsurface exploration in support of linear projects such as transmission lines, pipelines, and other energy-related facilities. Erich has developed an in-house workflow combining desktop research, subsurface exploration, and state-of-the-art software for assessing the risk of hydrofracture (inadvertent release of drilling fluids) during the performance of Horizontal Directional Drilling (HDD) bores along pipeline routes. DiGioia Gray has employed this workflow on numerous roadway and waterbody crossings in Pennsylvania and Virginia.

DiGioia Gray can provide the full suite of geotechnical services such as foundation, wall, and embankment design, slope stability analysis, subsurface exploration, and construction monitoring. Additionally, DiGioia Gray specializes in landslide and rockfall assessment and remediation, karst delineation, and a variety of UAV services such as photogrammetry, vegetation surveys, structure inspection, and airborne magnetometry. We are always looking for creative and highly motivated geotechnical professionals at all experience levels to join our team. Visit our website at <http://www.digioiagray.com/> or contact me at ezorn@digioiagray.com to learn more.