



Title: Geotechnical Consulting and H&A projects in the SF Bay Area

Abstract:

The presentation emphasizes several key difficulties that geotechnical engineers and project managers frequently face in the San Francisco Bay Area, including earthquakes, sea-level rise, complex subsurface conditions, and environmental constraints. At a liquefaction-susceptible (Site Class F) project site near the San Francisco International Airport, the mitigation of sea-level rise further complicated the design of the proposed life-science campus. The second project features the construction and performance monitoring of shoring walls adjacent to BART tracks. The speakers will discuss how Haley & Aldrich used both the traditional engineering approach and emerging data analytics/Python tool for the design and construction of these projects. Interactions are strongly encouraged.



Liang Chern Chow, P.E. received his BSc from UofM-Twin Cities and MSc from UIUC. He spent eight years consulting in the Midwest before joining Haley & Aldrich as a project manager in the San Francisco Bay Area in 2021. He is a member of the ASCE G-I Soil Improvement technical committee.

Dan Peluso, P.E., G.E. has managed our San Jose office for the past eight years and expanded our footprint in the South Bay, Peninsula, and Santa Cruz areas. Dan has spent his 37-year geotechnical engineering career on a variety of projects relating to large public infrastructures, such as bridges, highways, rail and light rail, tunnels, water treatment plants, and flood control facilities, including dams, levees, and channels. He has been the lead geotechnical engineer for several large corporate campuses, schools, and commercial developments. Dan has a BS in Geological and Earth Sciences from UC Santa Barbara and a MS in Geotechnical Engineering from SJSU.

Jenny Ludwig, SHRM – SCP has been working in the geotechnical consulting industry with engineering professionals and supporting their growth since 2005 and joined Haley & Aldrich in 2019 as their west coast Senior Talent Acquisition Partner. She has a BA in Sociology from Sonoma State, a Human Resources Management Certificate from UC Berkeley Extension. While Jenny focuses mainly on mid-senior level roles, she has extensive experience with STEM and University Recruiting and has been a key liaison for growing talent on the west coast.