

Hal Amick, Ph.D., P.E.

Vice President

Hal Amick works on problems related to structural and soil dynamics, rail and transportation vibrations, mechanical vibrations, and community or workplace vibrations. He is experienced in signals processing, finite element modeling and many aspects of structural and soil dynamics. Hal Amick has worked extensively in the design of low vibration environments for advanced technology facilities.

Hal Amick joined Colin Gordon Associates in 1996, after spending eleven years with Bolt Beranek & Newman and Acentech. Prior to 1990, he worked closely with Colin Gordon at BBN. At Colin Gordon Associates he focuses on the design and maintenance of low-vibration environments for vibration-sensitive facilities used for research, development and production of microelectronics as well as those used for nanotechnology, optics research, advanced physics and bioscience studies. His early consulting work involved a wide variety of structural settings, including nuclear power plant seismic analysis, container crane design, and structural failure analysis. Since 1993 he has served as vibration consultant for design and renovation of laboratories at the National Institute of Standards and Technology (NIST).

Education

- Bachelor of Science - Civil and Architectural Engineering, University of Wyoming, Laramie, Wyoming
- Master of Science - Structural Engineering, University of California, Berkeley, California
- Master of Engineering - Civil Engineering, University of California, Berkeley, California
- Doctor of Philosophy - Civil Engineering, University of California, Berkeley, California

Honors and Professional Societies

- Registered Civil Engineer (P.E.) in California
- Member, American Society of Civil Engineers (ASCE)
- Member, Institute of Environmental Sciences and Technology (IEST)
- Member, Structural Engineers Association of California (SEAOC)
- Member, American Concrete Institute (ACI)