MATT SNEDDON

Matt Sneddon joined VACC in 2015, bringing over thirty years' experience conducting a broad variety of acoustics and vibration consulting, research, and testing activities.

He is equally at home managing the activities of project teams, mentoring technical staff, and working hands-on in direct technical roles. Major project experience includes an extensive range of acoustic test & measurement programs, transportation and community noise studies, as well as modeling, simulation, & software development tasks. Recent activities include developing improved methods for modeling elastic wave propagation through soils, and characterizing the behavior of high transmission-loss acoustic metamaterials.

Work Experience:

2015-Present	*Senior Associate,* Vibro-Acoustic Consultants
2011-2013	*Principal Consultant*, ATS Consulting
2008-2014	*Visiting Scholar,* University of Southern California
2001-2014	*President*, Wavefront Scientific
1978-2001	*Senior Scientist*, Bolt Beranek and Newman

Education: **B.S., Physics**, University of California, Santa Barbara, 1978

Honors/Societies:
Member, Acoustical Society of America
Member, Institute of Noise Control Engineering
Member, Institute of Electrical and Electronics Engineers (IEEE)

Notable Projects:
SF Public Utilities Commission: Community noise modeling
US Navy: Testing of advanced sonar window materials
AiResearch Mfg.: Gas centrifuge fault implant testing
Metrolink: Subsurface vibration propagation testing
Hitco: Measurements of the dynamic properties of fiber-reinforced composites
Caltrans: Indoor & outdoor highway noise monitoring
Caltrans: Adverse noise reflections from highway soundwalls
Corps of Engineers: Noise control for airblast circuit breakers
US Navy: Modal analyses of Trident sound isolation couplings
BBN: Design and construction of the BBN Sonic Boom Test Facility
City of Millbrae: SFO airport low-frequency noise studies
Chicago O'Hare: Benchmarking noise event classification performance
Cessna: Community noise predictions for engine run-up facility
US Dept. of Justice: Aircraft noise modeling at NAS Oceana
Adams County, CO: Denver International Airport Noise Impact Analysis
US Air Force: Laboratory studies of Sonic Boom structural damage