

CHRISTOPHER PAPADIMOS

PRINCIPAL

CHRISTOPHER PAPADIMOS is a noise and vibration consultant with over 23 years of experience in measuring, assessing and developing mitigating strategies for projects with noise and vibration requirements. Since 1989, he has worked continuously on numerous projects for various types of facilities involving environmental acoustics, noise and vibration control for mechanical systems, structural noise and vibration, and architectural acoustics. Projects include residential and commercial buildings, institutional and government buildings, worship and performing spaces, and transportation and industrial facilities.

Mr. Papadimos has consulted on a large number of environmental studies regarding noise and vibration impacts and mitigation associated with large-scale new construction transportation and industrial projects. Transportation noise and vibration studies include freeways and rail systems, numerous road widening and improvement projects, and aircraft noise assessments. Other environmental noise studies include power plants, refinery expansion projects, quarries, other industrial facilities, commercial, institutional, housing and miscellaneous development projects. He has also participated on noise and vibration research projects for the California Department of Transportation (Caltrans) and has been an expert witness and provided public testimony for a number of projects.

Mr. Papadimos favors a practical, hands-on approach of integrating vibration and acoustical requirements into the design from the onset of each project. He is experienced in developing project requirements, establishing design criteria, conducting site and building characterizations, developing and implementing noise and vibration control options for various project types and construction activities.

PROFESSIONAL EMPLOYMENT

- Papadimos Group – Founding Principal (January 2005 to present)
- Cerami & Associates – Associate Principal (April 2004 to December 2004)
- Shen Milsom & Wilke – Associate (May 2001 to March 2003)
- Illingworth & Rodkin – Senior Consultant (January 1999 to May 2001)
- Frank Hubach Associates – Consultant (May 1995 to December 1998)
- Illingworth & Rodkin – Consultant (July 1989 to May 1995)

EDUCATIONAL BACKGROUND

- University of California at Los Angeles , B. Sc. Mechanical Engineering, (1989)
Magna Cum Laude, Departmental Scholar, Dean’s and Honor Lists
- Airport Noise Planning using INM Computer Modeling, Engineering Program,
University of Texas at Austin, 1993

PROFESSIONAL SOCIETIES

- ASHRAE – National Programs Chair and Technical Committee Member
- Institute of Environmental Sciences and Technology – Senior Member
- Institute of Noise Control Engineering – Member

PROJECT EXPERIENCE (Partial List)

- Alta Devices Facility, Sunnyvale, CA – Environmental assessment for facility noise to comply with city requirements.
- Amgen, South San Francisco – Acoustic studies for new facilities to comply with city requirements including on nearby trails and open space.
- BART Subway Extension to SFO, Colma, CA - Noise and vibration consultant and expert witness to the Coalition of Colma Cemeteries.
- Bay Bridge Pile Demonstration Project, San Francisco, California – Participated on environmental studies for the California Department of Transportation for the eastern span replacement project for the Bay Bridge
- Black Dog Amphitheater, Burnsville, MN – Acoustic studies for new amphitheater to the surrounding communities
- Cal Memorial Stadium Renovation, UC Berkeley – Expert witness for assessing community noise to surrounding residential areas and offer mitigation.
- Caltrans soundwall studies – Participated on numerous noise studies including effectiveness of sound barriers under various weather conditions.
- City College Mission Campus, San Francisco, CA – Environmental noise review of new facilities to the neighborhood to resolve community concerns.
- Community Pool, Calistoga, CA – Expert witness for neighborhood group to address community noise for this proposed facility to the surrounding area.
- College of Marin Math and Sciences Facility – Environmental acoustic studies and design to control facility noise to surrounding residential areas.
- Ellington Residences, Oakland, CA – Acoustic studies for new high rise residential building near Jack London Square to meet city requirements.
- Emerystation, Emeryville, CA – Environmental studies for mixed use campus to comply with local requirements to surrounding residential areas.
- Genentech, South San Francisco, CA – Environmental noise studies for new boiler plant for compliance with local general plan and code limits.
- Livermore Municipal Airport – Livermore, CA – Acoustic studies to mitigate aircraft noise to nearby recently completed residential developments
- Macae Energy Center – Environmental noise studies for power generation complex in the rain forest to comply with World Bank regulations - Macae, Brazil
- McCarran International Airport - Las Vegas, NV - Sound insulation studies for new private mixed-use developments near the airport to meet county standards.
- Mills Peninsula Health Center, San Bruno, CA – Acoustic studies for chiller plant and diesel generator replacement to meet city requirements.

- Oakland International Airport - Participated in sound insulation review studies for existing residential developments in the vicinity of the airport.
- Palo Alto Waste Treatment Plant – Environmental studies for plant noise emissions for conformance with local requirements.
- Penn State University Millennium Science Complex – Acoustical studies for new facility to comply with local codes for surrounding residential uses.
- Portola Valley New Town Hall – Acoustic studies for new town center for noise and land use compatibility and code compliance.
- San Francisco International Airport – Provided review of aircraft noise exposure to the City of Foster City as required for the update of the General Plan.
- New Stanford Hospital, Palo Alto, CA – Acoustic studies and develop design for new major healthcare facility to comply with city and county requirements.
- Transit Village, Walnut Creek, CA – Environmental studies for new mixed use development next to BART station to address transportation noise and vibration.
- Trowsdale Pump Station, San Bruno, CA – Environmental studies for new pump station including diesel generator for local code compliance
- UCSF Parnassus and Mission Bay Campuses, San Francisco, CA – Acoustic and vibration consulting for multiple new and existing facilities
- UC San Diego Jacobs Medical Center – Acoustical studies for healthcare facility expansion and new central plant to comply with wildlife refuge requirements.
- UC Santa Cruz Biomedical Sciences Building – Acoustical studies for new facility to limit noise emissions on campus and surrounding areas.
- UGGPP Energy Center- San Francisco International Airport – Noise studies and attendance to energy commission hearings for new 1200 MW power plant.
- University of Chicago New Hospital Pavilion – Acoustic and vibration consulting and construction review of new hospital facility expansion
- Valle Del Sol Master Planning – Feasibility studies for proposed large-scale mixed use development in the vicinity of the Albuquerque International Airport
- Vineyard 29, St Helena, CA – Acoustic assessment for new winery and noise emissions to surrounding areas to comply with code limits
- Wallingford Energy Center - Wallingford, Connecticut - 250 MW Simple Cycle Power Facility - comprehensive acoustical services.
- Warren Hall Seismic Retrofit, California State University at Hayward – Conducted noise and vibration feasibility studies for the seismic retrofit of this building.
- 201 Folsom, San Francisco, CA – Acoustic studies for new mixed use high-rise to comply with city planning and building requirements.