



## Joint AEP / APA Learning Event January 2010 Program



### Vibration and Noise in CEQA and NEPA Analysis

**WHAT:**

*Want to take the mystery out of vibration analysis?*

AEP and APA will co-host a workshop targeted at providing you with the knowledge to identify potential vibration impacts, make a professional judgment on the potential for significance, and ask the right questions of the noise and vibration consultants on their project teams.

This learning event would cover:

- ❖ A definition of vibration and how it relates to noise
- ❖ Typical vibration levels near common land use types
- ❖ Common sources of vibration and important differences between common sources
- ❖ Land uses that can be sensitive to vibration (typically historical buildings, residential buildings, microscopy facilities, hi-tech manufacturing facilities, medical imaging facilities)
- ❖ How vibration is measured and expressed as a number
- ❖ Common vibration standards and CEQA analysis
- ❖ Vibration mitigation

**WHEN:**

Thursday, January 21, 2010 from 12:30 pm to 2:30 pm

**WHERE:**

**Oakland City Hall**  
1 Frank Ogawa Plaza, Oakland, CA  
Hearing Room 3 (first floor)  
*From 12th BART Station - 14th and Broadway, Downtown Oakland*

**COST:**

**\$20 for APA or AEP Members and \$30 for Non-Members**

Using PayPal

*\*Due to venue restrictions there will be no payment accepted at the door  
(ONLINE REGISTRATION ONLY).*

*\*\*Lunch and AICP Credits will be offered.*

*\*\*\*Attendance is on a first come, first served basis as space is limited so please Register early.*

**WHO:**

Matthew leads the acoustics team in the San Francisco office of AECOM. His experience includes vibration modeling and isolation design for rail track and laboratory facilities, environmental noise analysis for road and rail corridors, military aviation bases, industrial and mining operations; and building acoustics design for healthcare, laboratory, civic, office, residential and retail buildings.

Matthew holds a bachelors degree in mechanical engineering from Massey University, New Zealand and masters degree in mechanical engineering from the University of Canterbury, New Zealand.

**PLEASE Register by Monday, January 11<sup>th</sup> by visiting [www.sfbayaep.org](http://www.sfbayaep.org) or clicking <http://www.sfbayaep.org/jan212010rsvp.php>. For questions, contact Leslie Garlinghouse at [Leslie.Garlinghouse@ch2m.com](mailto:Leslie.Garlinghouse@ch2m.com).**