METRANS Research Seminar and Reception
NOISE MAPPING OF CONTAINER TERMINALS AT PORTS OF LONG BEACH & LOS ANGELES

Date: Saturday, October 24, 2015
Time: 4:00 – 5:00pm
Seminar location: CSULB CBA 125
Reception in CBA Courtyard 5:00 – 6:00pm
Parking: Lot 15--$5 pass from yellow dispenser

RSVP by October 19 to Breauna Lewis at *Breauna.Lewis@csulb.edu* *or (562) 985-2620*

Abstract: Noise emissions from various transportation modes including seaports have become a major concern to environmental and governmental agencies in recent years due to the impact they have on the community. The Los Angeles-Long Beach port complex is one of the nation's largest ocean freight hubs and its busiest container port complex. As the container sector has the highest growth potential, the levels of noise generated by container traffic and handling activities may present a problem. The purpose of this study is to model the noise of container terminals at the Port of Long Beach and Port of Los Angeles using the noise mapping approach. The noise map provides a geographical view of the noise distribution in and around the Port areas and is used to assess the noise impact and identify the key noise source in the area. In addition, the noise model can help the port authorities predict the potential noise impact of future development plans of the Ports.

I-Hung Khoo

Dr. Khoo joined the Department of Electrical Engineering at California State University, Long Beach in 2006. He received his Ph.D. in electrical and computer engineering from the University of California, Irvine in 2006. Dr. Khoo's research interests include high speed circuit design, analog and digital signal processing, biomedical devices for health rehabilitation, and the environmental impact of noise. He is currently the advisor for the Electronics and Computer Engineering Technology programs. Dr. Khoo is a member of IEEE.

Tang-Hung Nguyen

Dr. Nguyen joined California State University, Long Beach in fall 2006 as faculty in the Department of Civil Engineering and Construction Engineering Management. He earned a doctorate degree in Architectural Engineering from Penn State University and taught at Pennsylvania State University at Altoona and North Dakota State University. He is licensed as a Professional Engineer. His research interests include the use of emerging information technologies to improve project design and construction and information technology for the enhancement of learning and teaching.

A METRANS Transportation Research Seminar
Sponsored by METRANS and CSULB College of Business Administration