



ONE-DAY SEMINAR & HALF-DAY WORKSHOP



Effective Noise Control Policies for Metropolis

Introduction

Roads are noisy which are often overwhelmed with many different types of land-transportation vehicles. Airports are noisy with many aircraft taking-off and landing. The construction of new buildings to house ever-increasing populations in a metropolis is a noisy development. Expansion of satellite cities in the vicinities of a major city has become one of the major environmental issues in the past few decades. Engineers and environmentalists are facing new challenges in noise control under a growing concern to improve the environmental quality for local residents.

Noise pollution has become a large-scale global problem as it always links to an inevitable side-effect of economic development. New abatement policies are proposed to cope with the new challenges in this difficult but important area. The problem of environmental noise has gradually become an important political issue – how far are the residents willing to tolerate such developments without affecting the quality of life. This is one of the key questions that will be addressed in the one-day Seminar and the half-day Workshop.

International and local experts in environmental noise will share their views and experiences in this important issue. They will share their expertise in keeping noise at bay. The seminar / workshop will also explore new frontiers in setting environmental noise control policy.

A certificate of attendance will be awarded to participants. This seminar would be considered to meet in part of the Continual Professional Development (CPD) requirements of the Hong Kong Institution of Engineers and the Hong Kong Institute of Acoustics.

You are cordially invited to participate and share your views on the topic.

Professor Kai Ming Li
Seminar Co-Chairman

Ir Maurice Yeung
Seminar Co-Chairman



Hong Kong Institute of
Environmental Impact
Assessment



HKIE-MMNC



HKIE BSD



ENGINEERS
AUSTRALIA
Hong Kong Chapter

Seminar Venue and Date

Venue : Room AG710, Chung Tsz Yuen Building
The Hong Kong Polytechnic University
Dates : Thursday, 23 July 2009 and Friday, 24 July 2009

Sponsoring and Supporting Organizations

- Department of Building Services Engineering,
The Hong Kong Polytechnic University
- The Hong Kong Institute of Acoustics

Organizers

- Department of Building Services Engineering,
The Hong Kong Polytechnic University
- The Hong Kong Institute of Acoustics
- The Hong Kong Institute of Environmental Impact Assessment
- Mechanical, Marine, Naval Architecture and Chemical Division,
The Hong Kong Institution of Engineers
- Building Services Division,
The Hong Kong Institution of Engineers
- Engineers Australia, Hong Kong Chapter
- American Society of Mechanical Engineers (Hong Kong Section)

Seminar Chairman

Professor Kai-Ming Li
Visiting Chair Professor in Building and Environmental Acoustics
Department of Building Services Engineering
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Seminar Secretary

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Organizing Committee

Ir Dr C M Mak (BSE, PolyU),
Ir C K Lee (HKIE-MMNC),
David Yeung (HKIEIA)
Ir Dr W L Lee (HKIE-BSD),
Ir Rodney Ip (HKIOA)
Ir Raymond Lee (EAust-HK),
Ir Dr Randolph CK Leung (ASME-HK)

Registration Fee

- The registration fee is HK\$ 1,100 for general participants and HK\$ 600 for full time registered students.
- On-line registration can be done via HKIE-MMNC website at <http://www.hkie-mmnc.org/>
- Please make cheque payable to THE HONG KONG POLYTECHNIC UNIVERSITY and send to Dr C M Mak, the Seminar Secretary.
- For enquiries, please contact the Seminar Secretary.
- Registration on or before 19 July 2009

Tentative Programme

Workshop: 23 July 2009 (Thursday)

Time	Events
13:30 – 14:00	Registration
14:00 – 15:45	Site Visit to noise abatement works in HK
15:45 – 16:15	Coffee Break
16:15 – 17:30	How the professionals, public see the effectiveness of abatement policy Panel Discussion Maurice Yeung Mrs Marion Burgess Dr CM Mak
17:30	Closing of Workshop Maurice Yeung

Seminar: 24 July 2009 (Friday)

Time	Events
08:30 – 09:00	Registration
09:00 – 09:10	Welcoming Speech Tom Ho
09:15 – 09:45	Opening Address Prof K M Li/ Prof W K Chow
09:45 – 10:30	International Trend for Control of Environmental Noise Mrs Marion Burgess
10:30 – 10:45	Coffee Break
10:45 – 11:30	Noise Control Practices in HK Ir Prof Daniel Chan
11:30 – 12:30	From Idea to Implementation - International Experience in Setting Policy for Controlling Environmental Noise Mrs Marion Burgess
12:30 – 13:30	Lunch
13:30 – 14:15	Environmental Noise Control and Problem Solving Freeman Cheung
14:15-15:00	Evaluating the Effectiveness of Measures - an International Perspective Mrs Marion Burgess
15:00 – 15:15	Tea Break
15:15 – 15:45	Using Low Noise Road Surfacing in HK PS Ng
15:45 – 16:15	Numerical Prediction of the Effectiveness of Noise Barrier Design Dr Randolph CK Leung
16:15 – 16:45	Enhancing the Acoustic Environment of Hong Kong: How Much We Know and What Can We Do? Prof KC Lam
16:45 – 17:30	Open Forum
17:30 – 17:45	Closing Speech Dr Alan KT Lau