
THE JOINT HKIOA AND HKIA HALF-DAY SEMINAR
ON
“INNOVATIVE BUILDING DESIGNS FOR
NOISE MITIGATION”

ANNOUNCEMENT
and
Invitation

DATE: 19 October 2012 (Friday)
TIME: 1:30pm – 5:30pm
VENUE: Regal Hong Kong Hotel





The Hong Kong Institute of Acoustics



香港建築師學會
The Hong Kong Institute of Architects

The Joint HKIOA and HKIA Half-Day Seminar
on
“Innovative Building Design for Noise Mitigation”
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Introduction

Hong Kong is facing severe and pervasive road traffic noise problems. In our dense metropolitan environment, many residential developments are built in close proximity to heavily trafficked expressways and roads resulting that some 1 million people are exposed to high. In general, mitigation could be applied at source, at propagation path and / or at receiver end to reduce noise impact.

Among these mitigation approaches, noise barriers or enclosures are usually perceived as the most effective in reducing noise to acceptable level so far as direct line of sight of traffic is screened from the residential flats. The cityscape of Hong Kong is basically high-rise in nature and blocks and blocks of tall buildings can be found on both sides of roads. This means that very tall barrier or even enclosures are needed in order to bring noise down to acceptable level. However, in many cases site constraints do not allow erection of noise barriers or enclosure; or only relatively small noise barrier could be erected and residents are still subject to high level of road traffic noise. To a large extent, noise barriers or enclosures are being seen as causing visual intrusion and they are very costly. Besides, some of the residents affected by barriers objected to its erection because of reasons like blocking of view, affecting rents and property values etc. On this front, building designs such as building block designs; balcony; podium design and special window designs would be adopted for noise mitigation purpose.

In this half-day seminar, local experts from architectural professional, acoustic and noise control professional and project management sector will share their views and experiences in this important issue. The latest trend in applying building designs as noise mitigation would be updated. The theoretical theory of applying building designs for noise mitigation would be covered and the latest application of building designs for noise mitigation in local situations would also be reported.

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

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

Dr. Kin Cheng
Chairman
HKIOA

Mr. Dominic Lam
President
HKIA



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Seminar Venue and Date

Venue: Forum Room 1, Regal Hong Kong Hotel,
Date: Friday, 19 October 2012
Time: 1:30 pm – 5:30pm

Registration Fee

The registration fee is HK\$ 700 for general participants, HK\$600 for members of the HKIA and the HKIOA, and HK\$ 250 for full time registered students. Please make cheque payable to THE HONG KONG INSTITUTE OF ACOUSTICS.

Programme

Time	Program/Topic/Activities
13:30 – 14:00	Registration
14:00 – 14:10	Welcoming Speech & Notes Dr. Kin Cheng, Chairman of the HKIOA Mr. Dominic Lam, President of the HKIA
14:10 – 14:30	“Innovative Building Design for Noise Mitigation – the Latest Trend” Mr Maurice Yeung, Chairman (1998-2000), the HKIOA
14:30 – 14:50	“Theoretical Basis of Building Designs for Noise Mitigation” Prof SK Tang, Professor, Building Services Engineering Dept., Hong Kong Polytechnic University
14:50 – 15:10	“Practicability of Building Designs for Noise Mitigation” Ms. Mary Chan, HKIA Environment and Sustainable Development Committee Member
15:10 – 15:40	Coffee Break
15:40 – 16:00	“Application of Building Designs for Noise Mitigation – Recessed Window & Acoustic Window” Ms Grace Kwok, Allied Environmental Consultant
16:00 – 16:20	“Adopting Building Designs for Noise Mitigation – Hostel of Hong Kong Polytechnic University” Mr Freeman Cheung, AECOM
16:20 – 16:50	“Application of Building Design for Noise Mitigation in Public Housing Development” Ms Ada Fung, Deputy Director (Development and Construction), Housing Department
16:50 – 17:10	Q&A
17:10 – 17:20	Closing Remarks Prof KC Lam, the Chinese University of Hong Kong
17:20 – 17:30	Presentation of Souvenirs, photos taking



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Registration Form

The Joint HKIOA and HKIA Half-Day Seminar
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19 October 2012 (Friday)

Please print or type

Title: Mr / Mrs / Miss / Prof / Dr

Surname: _____ First name: _____

Address: _____

Tel.: _____ Fax: _____

Email: _____

Please make cheque payable to THE HONG KONG INSTITUTE OF ACOUSTICS and mail it together with this registration form to the Seminar Secretary before 15 October 2012. Email confirmation shall be sent to the participants upon completion of registration.

Seminar Organiser / Seminar Secretary
c/o Ms Pecky Lau
Allied Environmental Consultants Ltd.
19/F Kwan Chart Tower, 6 Tonnochy Road, Wanchai, Hong Kong

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