



Noise Mapping Symposium And Workshop “Objectives, Target Quality and Deliverables” 20 August 2010 (Friday)



Sponsoring Organiser: HKIOA
Co-organiser: CUHK
Organised by MMNC of HKIE, HKIEIA & ASME(HK)

Symposium Co-Chairmen
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Introduction

The dramatic enhancement of computation power, rapid development in geographic information system, three-dimensional (3D) computer graphic and virtual reality technology; and the wide availability of digital topographic and mapping data have facilitated the substantial advancement in noise modeling, assessments and data presentation. As a result, two-dimensional (2D) noise mapping of a large geographical area has become financially and technically possible and they have also led to the development of 3D presentation tool to describe the noise environment in a high-rise townscape.

EU Directive relating to the Assessment and Management of Environmental Noise required cities of the member states in Europe with 250,000 populations to prepare a noise map for public information and to formulate a noise action plan. Recently, noise maps are also prepared for cities in Asian countries including China, Korea, and Japan. Noise mapping is a systematic and quantitative tool to evaluate the noise impacts, to engage the public in making decisions, to assist in the development of noise policies, strategic noise planning for future, noise abatement action plans to address existing problems, etc.

To keep professionals involved in noise mapping and related issues abreast of the latest development and the trend in noise mapping in Europe and also the Asian countries, the organizers are proud to present this symposium. In this symposium, the recent development and possible way forward for noise mapping application, uncertainty, quality control, any possible innovative approach in future will be addressed. International and local experts in noise mapping will share their views and experiences on these important issues.

Certificate of attendance will be awarded to participants. This symposium would be considered to meet in part of the Continual Professional Development (CPD) requirements of the Hong Kong Institute of Acoustics.

Overseas Speakers

- Dr Gaetano Licitra, Environmental Protection Agency, Tuscany Region, Italy
- Prof Sang-kyu Park, Yonsei University, Korea
- Dr Hiroyuki Imaizumi, National Institute of Advanced Industrial Science and Technology, Japan
- Ir Simon Shilton, Acustica, UK

Thanks for the support from the following organizations



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Symposium Venue and Date

Venue : Agnes b Cinema, Hong Kong Arts Centre, Wan Chai, Hong Kong
Date : Friday, 20 August 2010

Sponsoring Organization

- The Hong Kong Institute of Acoustics (HKIOA)

Co-organiser

- The Chinese University of Hong Kong (CUHK)

Organizers

- Mechanical, Marine, Naval Architecture and Chemical Division, The Hong Kong Institution of Engineers (MMNC-HKIE)
- The Hong Kong Institution of Environmental Impact Assessment (HKIEIA)
- American Society of Mechanical Engineers (Hong Kong Section) (ASME(HK))

Supporting Organisation

- Environmental Protection Department, HKSAR Government (EPD)

Registration Fee and Form

Title: Mr/Mrs/Miss/Prof/Dr
Surname:
First Name:
Address:
Tel:
Fax:
Email:

- Completed registration form and cheque payable to THE HONG KONG INSTITUTE OF ACOUSTICS should be sent to Miss Sara MA, Symposium Administrator at **Unit 909, 9/F, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, N.T., Hong Kong (Tel.: (852) 2494 5925 Fax.: (852) 2618 4500 Email: event@uti.hk)** for reservation.
- On-line registration can also be made at <http://mc.hkie.org.hk/ReplyForm.aspx?id=88> .
- Flyer of the Symposium can also be found at <http://hkioa.org> & <http://mc.hkie.org.hk> .
- Registration fee for the Symposium on 20 Aug 2010 is HK\$ 1,000 (lunch included) and HK\$ 150 for full time registered students (not including lunch).
- For enquires, please contact the Symposium Administrator.
- The Organizing Committee reserves right to change the topics, time and speakers.
- Registration should be made on or before 12 Aug 2010.





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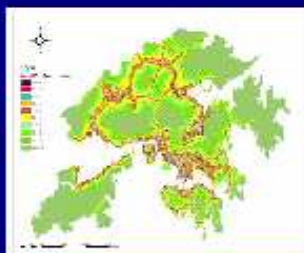


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Programme

Symposium 20 August 2010

Time	Events
09:15 – 09:25	Welcoming Speech and Opening Address
09:25 – 10:00	An Overview of Noise Mapping in the Perspective of EU Noise Policy Dr Gaetano Licitra
10:00 – 10:35	Harmonization of Noise Mapping in EU Ir Simon Shilton
10:35 – 10:50	Tea Break
10:50 – 11:25	An Overview of Application and Technological Development of Noise Mapping in HK Mr Aaron Lui
11:25 – 12:00	An Overview of Application and Technological Development of Noise Mapping in Korea Prof Sang-kyu Park
12:00 – 12:35	An Overview of Application and Technological Development of Noise Mapping in Japan Dr Hiroyuki Imaizumi
12:35 – 14:00	Lunch
14:05 – 14:40	Target Quality and Uncertainty of Noise Mapping Ir Simon Shilton
14:40 – 15:15	Latest Development Trend of Noise Mapping from Perspective of Government Dr Gaetano Licitra
15:15 – 15:30	Tea Break
15:30 – 15:50	Handy Tools for Traffic Noise Prediction in 3D Environment Dr Chi-wing Law
15:50 – 16:05	Best Practice for Web-based Noise Modelling and Result Dissemination Mr Christopher Hoar
16:05 – 16:35	What 3D Noise Mapping Shows Us? Mr Andy Chung
16:35 – 17:05	Noise Mapping, 3D Modelling, Data Exporting and Importing with CadnaA Mr Fabian Probst
17:05 – 17:20	Open Forum
17:20 – 17:35	Concluding Remarks
17:35 – 17:45	Presentation of Souvenirs