

“Smart Construction for Quiet” Symposium (SCQ 2018) 寧靜建造作業研討會

SCQ Symposium – 25 October 2018
Room 201 B&C, Asia-World Expo

Complimentary Site Visit – 26-27 October 2018

An event proudly presented by the HKCA and HKIOA
A Symposium that would identify solutions for your construction
noise problems

An opportunity that acoustic professionals, noise control
practitioners, architects, building and civil contractors,
site engineers and developers
cannot afford to miss.

INTRODUCTION 簡介

Hong Kong is a small but dynamic city. Many construction activities for new infrastructural projects as well as redevelopments are all over the territory. While the construction methods employed are of world class, they need to be compatible with various environmental and noise mitigation requirements. In order to prevent noise nuisances from the course of works, in particular for those fast-track projects which are often conducted in a round-the-clock manner, conscientious efforts are needed to address the rising expectation from the local communities and stakeholders through better site management, more environmentally friendly practices and wider use of quiet technologies.

In this symposium, international world-renowned experts will share their views and experiences in this important issue. They will keep you abreast of the latest policy development in tackling construction noise, the most updated practices in noise management, and innovative quiet construction / demolition methods. It is believed that key noise issues encountered in most construction projects would be addressed. Coffee breaks and lunch will be arranged for the delegates to mingle and network. **Continuing Professional Development (CPD) certificate will be provided to the participants of the Symposium.**

SCQ Pavilion will be included in Eco Expo Asia and it will showcase a variety of acoustical solutions for tackling construction noise.

You are cordially invited to participate and share your views at the Symposium.

REGISTRATION 報名

The registration fee per person is

- HK\$1,500 for general participants
- HK\$1,200 for members of HKCA or HKIOA

Entitlements:

- ✓ Program Book with technical materials
- ✓ Buffet Lunch
- ✓ Coffee Breaks
- ✓ **CPD Certificate**
- ✓ Guided Tour to Eco Expo Asia
- ✓ Site Visits
(Limited seats and first-come-first-served)

Note: SCQ 2018 registrants will be registered to Eco Expo Asia automatically.

Only online registration is accepted, please visit <https://icc.eventsair.com/scq2018/registration> or scan the QR code on this page to register for the symposium.



For group registration or enquiries, please contact

Ms. Kit Chan / Ms. Monica Chan

SCQ 2018 Symposium Secretariat:

Email: scq2018@icc.com.hk

Tel: (852) 2559 9973

Registration deadline: 18 Oct 2018.

Registration after deadline will subject to availability in first-come-first-served basis.

Guarantee your seats before deadline!

SYMPOSIUM PROGRAMME 研討會議程




25 October 2018 (Thursday)

Time	Program/Topic/Activities
08:45 – 09:15	Registration
09:15 – 09:25	Welcome Notes Chairman OC from HKCA
09:25 – 09:40	Keynote Address Mr. WONG Kam-Sing, JP Secretary for the Environment, The Government of the HKSAR, Hong Kong
09:40 – 10:05	Managing construction noise in New South Wales Mr. Paul MADDOCK New South Wales Environment Protection Authority, Australia
10:05 – 10:30	Realistic Noise Assessments for Large Scale Projects Mr. Colin ENGLISH Environmental Noise Consultant, United Kingdom
10:30 – 10:45	Coffee Break
10:45 – 11:10	Construction Noise Management in Singapore Mr. Ee-Khoon LIM National Environment Agency, Singapore
11:10 – 11:35	Smart Solution for Sound Absorption Mr. Caspar ter BILLE Acosorb, Netherlands
11:35 – 12:00	Innovative Designs for Excavators Mr. Shunsuke SAKURAI and Mr. Yoshio SHINOHARA Kobelco Japan Oversea Department, Kobelco Construction Machinery Co., Ltd
12:00 – 12:15	Panel Discussion
12:15 – 13:55	Lunch Break
13:55 – 14:15	Construction Noise Management of Three-Runway Reclamation Dr. Kin CHENG Environmental Protection Department, The Government of the HKSAR, Hong Kong
14:15 – 14:35	Construction Noise Management of Land Formation Works for the Expansion of Hong Kong International Airport into a Three-Runway System Mr. Peter LEE Airport Authority Hong Kong, Hong Kong
14:35 – 14:55	Application of Tall Noise Curtain during the Construction of West Kowloon Station Mr. Raymond WONG MTR Corporation, Hong Kong
14:55 – 15:15	Smarter Process for Quieter Construction Mr. Eddie TSE Gammon Construction Limited, Hong Kong
15:15 – 15:30	Coffee Break
15:30 – 15:50	Smart Noise Control Planning of Tunneling Projects – Key to Win-Win Solutions at the Starting Line Mr. Marcus CHEUNG Dragages Hong Kong Limited, Hong Kong
15:50 – 16:10	A Journey on Noise Management and CWB Project Ir. M.H. ISA Chun Wo-CRGL-MBEC JV, Hong Kong
16:10 – 16:20	Panel Discussion
16:20 – 16:30	Closing Remarks Chairman OC from HKIOA
16:30 – 17:15	Guided Tour by Eco Expo *Souvenir prepared by HKTDC will be offered to each guest upon the completion of tour.
17:15 – 18:00	Eco Expo

* Programme is subject to change without prior notice.

Complimentary and Optional Site Visits

(Seats are limited and registration will be processed on a first-come-first-served basis.)

Date/ Time	Visits	
26 October 2018 (Friday) AM	26 (A): Hilti's Hong Kong Tool Service Centre	
	<i>Technical visit to a 9,000 sq. ft. brand new setup offering "Top of the class" power tool services including tool diagnosis, inspection and testing process. Participants can learn more about latest installation technology on safety, noise reduction and control.</i>	
27 October 2018 (Saturday) AM	26 (B): Marine Traffic Control Centre for the Expansion of Hong Kong International Airport into a Three-Runway System	
	<i>Technical visit to the Marine Traffic Control Centre (MTCC) of 3RS Project. MTCC works 24-hour to monitor 3RS vessel movements for the management of construction activities and safeguarding the operation of the airport. MTCC also plays a key role in construction noise management during restricted hours.</i>	
27 October 2018 (Saturday) AM	27(A): Liebherr (HKG) Ltd.	
	<i>Demonstration of Sound Power Level (SWL) measurement of a large size Crawler Crane for QPME label renewal according to European measurement standard for Quality Powered Mechanical Equipment (QPME).</i>	

* Further logistic arrangement will be announced to participants successfully registered for the site visits.

Arrangement for Inclement Weather

This site visit programme will be cancelled if

1. Tropical Cyclone Warning No. 8 or above, or Black Rainstorm Warning Signal is pre-warned or announced; or
2. Typhoon signal no. 3, or the Yellow / Red / Black rainstorm signals are hoisted at 7:00 a.m. on that day.

FLOOR LANGUAGE 語言

The floor language is Cantonese. Simultaneous interpretation in Cantonese and English will be available. The meeting materials will be in English only.

SYMPOSIUM ORGANIZING COMMITTEE 籌委會成員

Mr. Stephen YIM (HKCA)	(Co-chairman)
Mr. Ken KC WONG (HKIOA)	(Co-chairman)
Mr. Louis PL CHAN (EPD)	(Co-chairman)
Mr. Patrick TANG (HKCA)	
Mr. Henry LAM (HKCA)	
Mr. Henry CHAN (HKIOA)	
Mr. WK WONG (EPD)	
Mr. William FUNG (HKIOA)	
Mr. Wilson HO (HKIOA)	
Dr. CW LAW (EPD)	
Mr. Alson PANG (HKIOA)	
Mr. CL WONG (EPD)	

Managing construction noise in New South Wales

Mr. Paul MADDOCK

New South Wales Environment Protection Authority, Australia



Paul Maddock is a Senior Noise Officer with the New South Wales Environment Protection Authority (NSW EPA) where he works to deliver strategic reform to manage noise, and provides technical expertise to inform the EPA's regulatory decisions.

Before relocating to Australia, Paul worked as a consultant in the UK where he managed and delivered environmental noise assessments on major road and rail projects, international oil and gas infrastructure, and renewable energy developments. He also provided strategy and policy support on environmental noise for projects reviewed by the Scottish Parliament, and worked with regulators to develop construction noise management policies and approvals.

Paul is a member of the Australian Acoustical Society (AAS) and has served on the NSW divisional committee of the AAS since 2014. He graduated with an honour degree in Environmental Risk Management from the University of Wales, Cardiff (UK), has a Postgraduate Diploma in Acoustics and Noise Control, and a Master degree in Applied Acoustics from the University of Derby (UK).

Realistic Noise Assessments for Large Scale Projects

Mr. Colin ENGLISH

Environmental Noise Consultant, United Kingdom



KEY EXPERIENCE

Colin has specialised in the design of noise control and assessment of environmental noise. He has given expert evidence at numerous public inquiries and trials. Throughout his career he contributed to standards and guidance on the control and assessment of environmental noise.

POSTS

2014 – Present: Independent Acoustic Consultant

2000 – 2014: Partner, The English Cogger LLP

1986 – 2000: Consultant and Associate Director, Arup Acoustics

1973 – 1986 Senior Consultant, Acoustic Technology Ltd

PUBLICATIONS

Colin is the author of many papers and is the co-author of Environmental Noise Barriers - A Guide to their Acoustic and Visual Design, E & FN Spon, London

Construction Noise Management in Singapore

Mr. Ee-Khoon LIM

National Environment Agency, Singapore



Mr Lim Ee Khoon is with Singapore's National Environment Agency (NEA) under the Pollution Control Department which manages air, water and noise pollution. He is an Engineer in the Construction Noise Section and develops policies and implements programmes to control noise from construction sites.

Smart Solution for Sound Absorption

Mr. Caspar ter BILLE
Acosorb, Netherlands



Mr. Caspar ter Bille received his education in the Netherlands, in the field of Auto Mechanics in Business Development School, and then in Economics and Marketing at Haarlem Business University. He also carried out research in viability at Day Trading Centers. He is now the founder/owner at the Acosorb Group, with the vision of setting a new standard in the market for seamless acoustic solutions, based on EU regulations, with offices / agents in over 15 countries, and expects to continue to extend his business globally in circular, seamless, acoustical solutions. Apart from his current development of acoustical products, Mr. Caspar ter Bille is also experienced in import business and the development of communication platform.

Innovative Designs for Excavators

Mr. Shunsuke SAKURAI and Mr. Yoshio SHINOHARA
*Kobelco Japan Oversea Department,
Kobelco Construction Machinery Co., Ltd, Japan*



Mr. Shunsuke SAKURAI

Join in Kobelco in Apr 2004

Started to work in Sales Administration Group, Sales and Planning Dept (2004)

Started to work in Eastern Kobelco Construction machinery as sales in domestic sales (2007)

Started to work in Kobelco International (S) PTE LTD (Singapore) in 2009

Started to work in Kobelco Construction Machinery Malaysia SDN BHD (Malaysia) in 2013

Started to work in International Sales Group, International Operations Dept in 2018



Mr. Yoshio SHINOHARA

Join in Kobelco in April 2005.

Started to work in Western Kobelco Construction machinery as administration group.

Started to work in Western Kobelco Construction machinery as sales in domestic sales in 2007.

Started to work in KIT in 2008.

Started to work Kobelco Construction machinery as sales from 2015.

Construction Noise Management of Three-Runway Reclamation

Dr. Kin CHENG
*Environmental Protection Department,
The Government of the HKSAR, Hong Kong*



Dr. Kin Cheng is a Senior Environmental Protection Officer with the Environmental Protection Department, HKSAR Government. He is a veteran acoustics professional with over 20 years of experience in the field of environmental noise. His career with the Government involved a wide variety of work including the development of noise legislation, management of calibration laboratory and enforcement. He had also written and co-authored a number of papers and articles in international conferences related to environmental noise. He was also a past Chairman of the Hong Kong Institute of Acoustics and contributed to the development of local acoustics profession.

Construction Noise Management of Land Formation Works for the Expansion of Hong Kong International Airport into a Three-Runway System

Mr. Peter LEE
Airport Authority Hong Kong, Hong Kong



Mr. Lee is the General Manager – Environment of the Airport Authority Hong Kong (AAHK). He leads and manages all environmental matters related to the planning and implementation of the Expansion of the Hong Kong International Airport into a Three-Runway System, which is to maintain Hong Kong as an international aviation hub at the heart of Asia Pacific region. Before joining AAHK in June 2012, Mr. Lee has over 20 years' experience in environmental and engineering consultancy, leading and managing the EIA studies for a number of major infrastructure and urban development projects such as Kai Tak Development, Integrated Waste Management Facilities, Harbour Area Treatment Scheme Stage 2A, Deep Bay Link, and so on.

Application of Tall Noise Curtain during the Construction of West Kowloon Station

Mr. Raymond WONG

MTR Corporation, Hong Kong



Raymond joined the environmental field since 1991. He has both knowledge and experience in CFC replacement chemicals, train noise, construction noise, indoor air quality, energy saving, waste management, EIA projects and ISO14001. He has been working in environmental field for more than 25 years. He gained the knowledge through on-the-job training and experience from the hand-on field work.

Smarter Process for Quieter Construction

Mr. Eddie TSE

Gammon Construction Limited, Hong Kong



Mr. Eddie Tse is currently the Senior Environmental Manager of Gammon Construction Limited specializing in sediment and land contamination assessment and remediation process design and operation, carbon and energy accounting/management, and waste/asbestos management. He was heavily involved in several environmentally sensitive and complex projects such as Airport Midfield Concourse, MTRC West Island Line Contract C704 - Sai Ying Pun and University Stations and Sai Ying Pun to Kennedy Town Tunnels, Hong Kong - Shenzhen Western Corridor, Design and Construction of Re-provisioning of WSD Utilities and Infrastructure Works for Centennial Campus of HKU, and Reclamation Works in North Tsing Yi. He also has extensive experience in the co-ordination and implementation of Environmental Monitoring and Audit & Environmental Management System, assessment of site environmental impact, and design & application of environmental mitigation. In addition to Gammon's role, Mr. Tse is the vice chairman of Environment Committee, Hong Kong Construction Association (HKCA). He is a steering committee member of Transport and Logistics Advisory Group and Roadside Emission Taskforce of Business Environment Council (BEC).

Mr. Tse graduated from the Department of Chemical Engineering from the University of British Columbia in Canada, and has a Master of Science (Major in Environmental Engineering) degree from The Hong Kong Polytechnic University.

Smart Noise Control Planning of Tunneling Projects – Key to Win-Win Solutions at the Starting Line

Mr. Marcus CHEUNG

Dragages Hong Kong Limited, Hong Kong



Mr. Marcus Cheung is a Project QSE Manager for Dragages Hong Kong Limited at the MTR Shatin to Central Link SCL-1128. Mr. Cheung has over 20 years of experience in on-site environmental management specializing in implementation of Environmental Monitoring and Auditing (EM&A), and Environmental Management System (EMS).

A Journey on Noise Management and CWB Project

Ir. M.H. ISA

Chun Wo-CRGL-MBEC JV, Hong Kong



Isa is an environmental manager with academic training in both civil and environmental engineering. He has been working in the construction industry in Hong Kong for over 25 years and has been involved in numerous infrastructures and building projects. Many of these projects are under the EIAO with EP conditions and EM&A programmes.

MAJOR SUPPORTING ORGANIZATION 主要支持機構



SUPPORTING ORGANIZATIONS 支持機構



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Architectural Services Department



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Civil Engineering and
Development Department



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