



Technical Seminar

Jointly Organized by

The Hong Kong Institute of Acoustics,

The Hong Kong Institution of Engineers - Environmental Division,

The Hong Kong Institution of Engineers - Control, Automation and Instrumentation Division

The Hong Kong Institution of Engineers – Young Members Committee

Advancement of 3D noise mapping in Hong Kong

Speaker: Dr Chi Wing LAW, Assessment & Noise Group,
Environmental Protection Department, HKSAR Government

Venue: HKIE Headquarters, 9/F Island Beverley, No.1 Great George Street,
Causeway Bay, Hong Kong

Time: 6:30pm to 8:00pm, Tuesday, 11 Oct 2011 (Reception starts at 6:00pm)

Programme Highlights

The dramatic enhancement of computation power, rapid development in Geographic Information System (GIS), 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 road traffic noise assessments and data presentation in Hong Kong. Two-dimensional (2D) and even 3D noise mapping over a large geographical area has now become a more manageable task. This presentation outlines the development of advanced 3D GIS tools, information technologies and how they were put into trials and implementation in Hong Kong. Particular attention is given to the dissemination of noise information to the community, be it for public education, engagement or consultation; and recent advances in the availability of such information interactively, and in a user friendly manner, through the internet.

Registration

Pre-registration is required. For registration, please complete and submit enrollment form via http://ev.hkie.org.hk/en_it_events_inside_Upcoming.aspx?EventID=355&&TypeName=Events+%2f+Activities.

The number of participants is limited to 80. Attendance certificate will be available. Enquiries please contact Wilson Ho at email: who@wal.hk or Ir Anthony Kwan at Tel: 9356 4628.

Chairman, Activities Sub-committee of HKIOA