



HONG KONG INSTITUTE OF ACOUSTICS  
香港聲學學會



THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學

DEPARTMENT OF MECHANICAL ENGINEERING  
機械工程學系

## Aircraft Noise Assessment and Control

Jointly Organized by: Hong Kong Institute of Acoustics &  
Department of Mechanical Engineering, Hong Kong Polytechnic  
University

### Date, Time and Venue

Date: 14<sup>th</sup> November 2018

Time: 6:30pm – 8:00pm, registration starts at 6:00pm (1 CPD hour)

Venue: Room HJ203, 2/F, Hong Kong Polytechnic University

### Abstract

Hong Kong International Airport (HKIA) has grown to become one of the busiest airports in the world since its opening at Chek Lap Kok in 1998. In 2017, HKIA served 72.9 million passengers and handled 5.05 million tonnes of cargo and airmail, maintaining its status as the world's third-busiest international passenger airport and the world's busiest cargo airport.

With the planned expansion of HKIA into a three-runway system (3RS), HKIA will be able to meet the projected increase in air traffic demand, but the potential environmental impact from the increased aircraft noise has always been a key area of interest or concern to stakeholders in the planning of the 3RS project that requires effective control and management.

Illustrated with details of an aircraft noise impact assessment undertaken as part of an Environmental Impact Assessment (EIA) conducted in the planning of the 3RS, this seminar will give participants an overview of aircraft noise assessment and control in Hong Kong, including the measures that have been recommended and incorporated into the design of the 3RS project to address the stakeholders' concern.

### Speaker

**Mr. Eden Ngan, Senior Manager, Environment  
Third Runway Division, Airport Authority Hong Kong**

Mr. Eden Ngan is an environmental specialist with over 20 years' experience in consultancy, policy development and environmental management. As the Senior Manager, Environment in the Airport Authority Hong Kong (AAHK) since 2012, he played a key role in managing the successful completion of the detailed EIA undertaken for the 3RS, covering the key aspects of aircraft noise, air quality and the associated health risks. Eden holds a BSc in Biological and Medicinal Chemistry from the University of Essex, a BEng in Chemical Engineering from the University of Strathclyde, and a MSc in Environmental Management from the University of Hong Kong. He served before as the Senior Vice-Chairman and Hon. Secretary of the Chartered Institution of Water and Environmental Management (CIWEM) Hong Kong Branch.

### Registration (first-come first served)

Please register on or before 9<sup>th</sup> November using link <http://www.wal.hk/hkioa/aircraft>. The seminar is free of charge for HKIOA members, PolyU students and staff. Other interested persons could attend the seminar by paying HK\$100 as registration fee.

*Environmental Noise Sub-committee of Hong Kong Institute of Acoustics*  
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