American Society of Civil Engineers
HONG KONG SECTION
P.O. Box 65269, Tseung Kwan O Post Office, Hong Kong

Organized by American Society of Civil Engineers (Hong Kong Section)

Technical Seminar on

Resilient Infrastructure

by

Mr Qi YE, Weidlinger International, USA

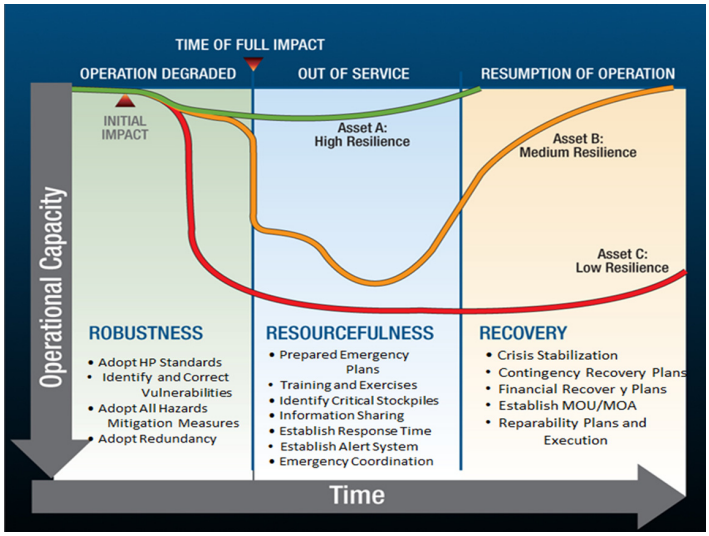
Date of Seminar: 21 April 2015 (Tuesday)

Time: 6:45 pm – 8:00 pm

Venue: Lecture Theatre A, Chow Yei Ching Building, HKU (map attached)

Abstract:

Recent natural and man-made disasters illustrate the importance of building civil infrastructure that can withstand extreme events, such as earthquakes, hurricanes, fire and floods. This approach, known as infrastructure resilience, is discussed in this presentation, along with the ways in which asset owners can effectively respond to these catastrophes and quickly restore the normal operation of these infrastructures.



This presentation provides an overview of different kinds of hazards and other undesirable events, addresses what makes a structure resilient, summarizes the cascading effects of natural and man-made disasters, and highlights the unintended consequences of aging infrastructures.

In order to efficiently achieve infrastructure resilience, three key components are needed and discussed at length in this presentation. They include: robust, resourcefulness, and rapid recovery. Some recent projects in US for improving resilience of infrastructure are presented as case studies. The purpose of this presentation is to provide guidance for infrastructure resilience efforts in the coming years.

The event is supported by

Institution of Civil Engineers

THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會
Civil Division
土木分部

American Society of Civil Engineers
P.O. Box 65269, Tseung Kwan O Post Office, Hong Kong
HONG KONG SECTION

About the Speaker:

Mr. Ye received a Bachelor Degree in 1992 from Tongji University in China, and a Master Degree in 1998 from University at Buffalo. Since 1998, Mr. Ye has been working in US on large scale infrastructure projects. He has completed seismic and wind retrofits of many long span bridges; performed fatigue and fracture investigation of many steel bridges; mitigated bridge vibration problems under traffic or pedestrians; designed a 5-km long elevated rail viaduct that consists of U-shape precast concrete segments; rehabilitated many deteriorated bridges and subway tunnels; and participated in the design of a new subway station at the old World Trade Center site. In addition, Mr. Ye has performed many forensic investigations of bridge and retaining wall failures; progressive collapse analysis of different types of bridges; and security hardening of bridges and tunnels.

**** CPD attendance certificates will be issued at the end of the event ****

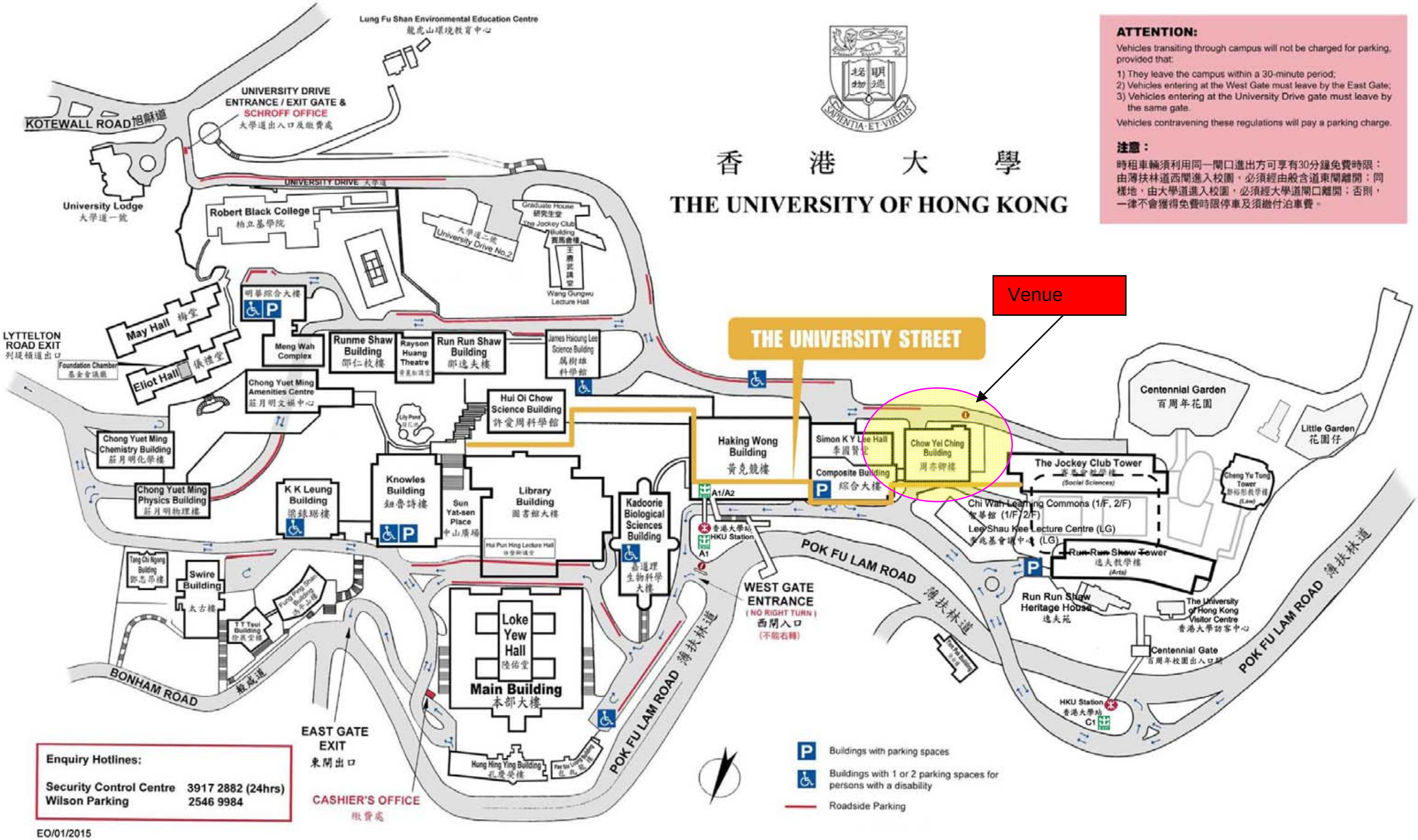
Registration and Enquires:

1. The seminar is free and no prior registration is required. Capacity of the theatre is 120. Seating will be arranged on a first-come-first-serve basis.
2. For enquiry, please contact Mr. Paul Cheung via email: paulctk1605@hotmail.com

The event is supported by

Institution of Civil Engineers

THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會
Civil Division
土木分部



香 港 大 學
THE UNIVERSITY OF HONG KONG
ATTENTION:
Vehicles transiting through campus will not be charged for parking, provided that:
1) They leave the campus within a 30-minute period;
2) Vehicles entering at the West Gate must leave by the East Gate;
3) Vehicles entering at the University Drive gate must leave by the same gate.
Vehicles contravening these regulations will pay a parking charge.
注意：
時租車輛須利用同一閘口進出方可享有30分鐘免費時限：由薄扶林道西閘進入校園，必須經由般含道東閘離開；同樣地，由大學道進入校園，必須經大學道閘口離開；否則，一律不會獲得免費時限停車及須繳付泊車費。
Venue
THE UNIVERSITY STREET
Lung Fu Shan Environmental Education Centre
UNIVERSITY DRIVE ENTRANCE / EXIT GATE &
SCHROFF OFFICE
KOTEWALL ROAD 旭龢道
University Lodge
UNIVERSITY DRIVE
Robert Black College
Graduate House
The Jockey Club Building
University Drive No.2
Wang Gungwu Lecture Hall
LYTTELTON ROAD EXIT
May Hall
Eliot Hall
Meng Wah Complex
Runme Shaw Building
Rayson Huang Theatre
Run Run Shaw Building
James Hsioung Lee Science Building
Chong Yuet Ming Amenities Centre
Hui Oi Chow Science Building
Chong Yuet Ming Chemistry Building
Chong Yuet Ming Physics Building
K K Leung Building
Knowles Building
Sun Yat-sen Place
Library Building
Hui Pun Hing Lecture Hall
Kadoorie Biological Sciences Building
Haking Wong Building
Simon K Y Lee Hall
Composite Building
Chow Yei Ching Building
The Jockey Club Tower
(Social Sciences)
Centennial Garden
Little Garden
Cheng Yu Tung Tower
(Law)
Chi Wah Learning Commons (1/F, 2/F)
Lee Shau Kee Lecture Centre (LG)
Run Run Shaw Tower
(Arts)
Run Run Shaw Heritage House
The University of Hong Kong Visitor Centre
Centennial Gate
HKU Station
A1/A2
A1
C1
WEST GATE ENTRANCE
(NO RIGHT TURN)
POK FU LAM ROAD
Swire Building
T T Tsui Building
Loke Yew Hall
Main Building
BONHAM ROAD
EAST GATE EXIT
CASHIER'S OFFICE
Hung Hing Ying Building
Enquiry Hotlines:
Security Control Centre 3917 2882 (24hrs)
Wilson Parking 2546 9984
Buildings with parking spaces
Buildings with 1 or 2 parking spaces for persons with a disability
Roadside Parking
EO/01/2015