

CEEAA 20th Anniversary Symposium

DEVELOPMENT VS CONSERVATION: Is Engineering a Solution?

Saturday, 5 December 2015

Chiang Chen Studio Theatre, The Hong Kong Polytechnic University



CEEAA

香港理工大學
土木及環境工程系校友會
Hong Kong Polytechnic University
Civil and Environmental Engineering
Alumni Association

Organiser:



DEPARTMENT OF
CIVIL AND ENVIRONMENTAL ENGINEERING
土木及環境工程學系

Co-organiser:

INTRODUCTION

Hong Kong, like other metropolitan cities, is developing by leaps and bounds over the decades. Rapid regional development provides an impetus to cross-boundary linkage and connectivity. Infrastructures and housing are put in place in an unprecedented momentum. While fast societal development is a sign for prosperity, it is criticized as an enemy to environmental conservation. The dilemma of development versus conservation has long been a controversial issue in the engineering profession around the world.

Engineers take the pivotal role of mobilizing natural resources for raising the living standard of human beings. Under the theme of sustainable development, engineers put forward practical engineering solutions to balance social, economic and environmental developments. Today, environmental sustainability is a key consideration in formulating government policies and implementing engineering projects. This aims to conserve our precious natural capital in parallel with societal development. Trendy moves like low carbon construction, energy efficient production, pollution free transportation, environmentally friendly land and housing supply play a dominant part in the engineering practice including planning, design and construction.

This one-day Symposium is the highlight event for celebrating the 20th Anniversary of the Hong Kong Polytechnic University Civil and Environmental Engineering Alumni Association (PolyU CEEAA). In collaboration with the PolyU Civil and Environmental Engineering Department, a theme of “Development vs Conservation: Is Engineering a Solution?” is adopted to tally with the focus of these two co-organizers. This Symposium brings together various stakeholders including government, project developers, consultants, academics and research institutions and engineering experts to explore the role of engineering in resolving the dilemma of balancing development against conservation.

The Symposium consists keynote speeches by top government officials, academic and legislative councilor. Prominent speakers are invited to discuss the role of engineering in a wide spectrum of projects ranging from public housing and infrastructure development, strategic planning and development as well as eco-friendly innovation.

ORGANIZING COMMITTEE

Chairman: Ir LAU Tai Wai, David

Members: Ir Professor LAM Cheuk-fung

Mr CHAM Yui Kei, Rex

Professor CHAU Kwok-wing

Mr CHEUNG Shiu-kwok, Andy

Mr HUANG Guangzong, Edwin

Ir Dr Eddie LAM Siu-shu

Ir LEE Shiu Ming, Richard

Mr LO Chi Leung, Tony

Ir POON Ying Kok

Ir YAU Kwok-fai

Ms YIU Sze Nga, Nicole

SUPPORTING ORGANIZATIONS

- Business Environment Council
- Chartered Institution of Water and Environmental Management - Hong Kong Branch
- Civil and Environmental Engineering Students' Society, The Hong Kong Polytechnic University
- Consulate General of Canada in Hong Kong
- Council for Sustainable Development
- Department of Civil Engineering, The University of Hong Kong
- Department of Civil & Environmental Engineering,
The Hong Kong University of Science and Technology
- Faculty of Science & Technology, THEi
- Federation of the Hong Kong Polytechnic University Alumni Associations Ltd
- Green Council
- Hong Kong Construction Association
- Hong Kong Green Building Council
- Hong Kong Green Strategy Alliance
- Hong Kong Science and Technology Parks Corporation
- Institution of Mechanical Engineers - Hong Kong Branch
- Netherlands Consulate General in Hong Kong SAR and Macao SAR China
- Society of Operation Engineers, Hong Kong
- The HKIE Environmental Division

PROGRAMME

8:45 - 9:00am	Registration
9:00 - 9:05am	Welcome Remarks Ir Professor Cheuk-fung Lam, President Civil and Environmental Engineering Alumni Association (CEEAA), The Hong Kong Polytechnic University
Key Note Speeches	
9:05 - 9:45am	Ms Christine Loh, JP, Under Secretary for the Environment Ir Eric Siu-cheung Ma, JP, Under Secretary for Development The Government of the HKSAR
9:45 - 10:05am	Fellow Engineers, Are We Problems or Solutions? Ir Dr Hon Lo Wai-kwok, BBS, MH, JP Legislative Councillor (Engineering Functional Constituency), HKSAR
10:05 - 10:25am	Green Transport System for Sustainable Development in Hong Kong Ir Professor William Lam, Chair Professor of Civil & Transportation and Head Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
10:25 - 10:45am	Coffee Break
Session I : Housing and Infrastructure	
10:45- 11:05am	Development for People with Nature And Conservation In Mind : The HK Housing Authority's Experience Ms Ada Y S Fung, JP, Deputy Director of Housing (Development & Construction), HK Housing Authority
11:05 - 11:25am	Development and Upkeep of a Green Airport Ir John Chai, SBS, Executive Director, Engineering & Technology, Airport Authority Hong Kong
11:25 - 11:45am	Heritage Conservation and Railway Development – A Unique Blending Ir Richard Kwan, Environment Manager, MTR Corporation Ltd
11:45 - 12:05pm	Discussion
12:05 - 1:45pm	Lunch Break
Session II : Strategic Planning and Development	
1:45 - 2:05pm	Balancing Aspirations for Development and Conservation – Planners' Effort in Protecting the Country Park Enclaves Mr K K Ling, Director, Planning Department, The Government of the HKSAR
2:05 - 2:25pm	Developing Smart Cities – The Conflict between Development and Conservation Dr Thomas S K Tang, Director, Corp Sustainability, Asia, AECOM
2:25 - 2:45pm	Green Building: Bridging Development and Conservation Ir Conrad Wong, Vice Chairman, Yau Lee Holdings Ltd
2:45 - 3:05pm	Discussion
3:05 - 3:20pm	Coffee Break
Session III : Eco-Friendly Innovation	
3:20 - 3:40pm	The Development and Sustainability of a Heritage Conservation Project - Jao Tsung-I Academy Mr Mike Lai, Chief Executive Officer, Jao Tsung-I Academy
3:40 - 4:00pm	Carbon Footprint for Steel-Composite and Reinforced Concrete Buildings Mr Julian Lee, Manager – Research, Construction Industry Council
4:00 - 4:20pm	Getting out of the BIM Silos Mr David Fung, Chairman, The Hong Kong Institute of Building Information Modelling (HKIBIM)
4:20 - 4:40pm	Discussion
4:40 - 5:00pm	Closing Remarks Ir David Lau, Chairman of the Organizing Committee

REGISTRATION FORM

CEEAA 20th Anniversary Symposium

“Development vs Conservation: Is Engineering a Solution?”

Saturday, 5 December 2015 (9:00am – 5:00pm)

Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

Co-organizers:

Civil and Environmental Engineering Alumni Association (CEEAA) and

Department of Civil and Environmental Engineering

The Hong Kong Polytechnic University

Name : (Ir/Prof/Dr/Mr/Ms) _____
(First Name) (Surname)

Company : _____ Position: _____

Tel : _____ Email : _____

	Registration Fee		Registration (please “√” as appropriate)
Early-Bird Registration (on or before 5 Nov 2015)	Cardholders of the Federation of PolyU Alumni Associations and Supporting Organizations	\$750	()
	Others	\$800	()
Full Registration (after 5 Nov 2015)	Cardholders of the Federation of PolyU Alumni Associations and Supporting Organizations	\$950	()
	Others	\$1,000	()
# Full-time Students	\$150		()

Remarks :

- The fee includes a copy of Symposium proceedings and coffee breaks. Lunch is not included.
- Cancellation will be accepted only in writing via email or fax, no later than two weeks before the function commences, and only 50% of registration fee will be refunded.
- # Seats are limited (first-come-first-served). A copy of Student Card must be presented together with the registration form.

Payment :

I enclose a crossed cheque no _____ for the amount of HK\$_____ payable to
“Centre for Research & Professional Development”.

Please complete the form and return it together with appropriate payment to the Symposium Secretariat,

c/o Centre for Research & Professional Development

Office A 12/F Billion Plaza 2, 10 Cheung Yue Street, Kowloon, Hong Kong

Tel : 2796 1638 ; Fax : 2104 0052 ; Email : info@crpd-hk.com