



P&HE

Plumbing & Heating Engineering
Symposium 2018

WATERSCAPE

Bring water features to our city – Why, Where & How

9th August, 2018

Reception at 9:00am - Luncheon at 1:00pm

Versailles, 3/F, Regal Kowloon Hotel, Hong Kong

Symposium Booklet

P&HE SYMPOSIUM 2018 IS BROUGHT TO YOU BY

The Organiser



The Chartered Institute of Plumbing and Heating Engineering – Hong Kong Branch
英國特許水務學會 – 香港分會

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A Cross-Industry Event for Developers, Architects, and Engineers

Why?

The **Developer's** Perspective

Why should
waterscape be
part of my site?

Why can water
drive traffic and
satisfaction?

Ornamental,
Feng Shui, and
Other Purposes

Where?

The **Architect's** Perspective

Where should
water features
be located?

What role can
water serve in an
environment?

Interaction with
People and the
Surroundings

How?

The **Engineer's** Perspective

How to assure
quality & safety
of water feature?

How to manage
a waterscape
project carefully?

Collaboration of
parties for best
project outcome

PROGRAMME

- 09:00 Reception
- 09:15 Welcoming Address
Ir. Dr. Eric Wong,
Chairman, CIPHE Hong Kong Branch
- 09:30 Opening Speech
Mr. W.H. Sit, JP,
Director of Electrical and Mechanical Services,
EMSD of the HKSAR Government
- 09:45 Seminar I
Bring Water Features to the City – Why and Where?
Mr. Jeff Tung,
Senior Project Director,
New World Development Co. Ltd.
- 10:30 Coffee Break (Refreshments Served)
- 10:50 Keynote Speech
Mr. Tony Mui,
Chief Landscape Architect,
ArchSD of the HKSAR Government
- 11:10 Seminar II
Water Feature – the Art of Cross-Industry Collaboration
Mr. Tony Cheung,
Managing Director,
P&A Engineering Ltd.
- 12:00 Coffee Break
- 12:20 Panel Talk
Waterscape – views from different perspectives
Honoured Speakers representing view of
different parties in waterscape projects
- 13:00 Luncheon

WELCOME ADDRESS

Ir. Dr. Eric Wong

**Chairman
CIPHE Hong Kong Branch**



OPENING SPEECH

Mr. Alfred Sit, JP

**Director of
Electrical & Mechanical Services
HKSAR Government**



SEMINAR ONE

When humans think of water — or hear water, or see water, or get in water, even taste and smell water — they feel something... These emotional responses to our environment arise from the oldest parts of our brain, and in fact can occur before any cognitive response arises.



~ Wallace J. Nichols, excerpted from “Blue Mind”



Mr. Jeff Tung is a Hong Kong Registered Architect and a Fellow Member of Hong Kong Institute of Architects. He graduated from HKU in 1985 and has been working in the building industry for more than 30 years, with over 10 years in the Private Development sector. He has extensive experience in the planning, architectural design and project management of commercial and hotel projects in Hong Kong, China and Southeast Asia.

In one of his most remarkable projects, Grand Hyatt HK, water features have been integrated into the landscape and interior design respectively as decorative elements; they successfully become the focuses, and enliven the space with sound, light, movement and reflection. Mr. Tung is currently managing the remodeling of New World Centre into Victoria Dockside, where water has been widely used as both an environmental and visual elements for the users to enjoy.

Mr. Jeff Tung

**Senior Project Director
New World Development
Company Limited**



KEYNOTE SPEECH

Thalāthat ashyā yudhhibn al-huzn:
al-mā wa-l-khudra wa-l-wajh al-hasan.

Three things take away sadness:
water, greenery, and a beautiful face.

~ Arabic Proverb



Mr. Tony MUI graduated from the Faculty of Landscape Architecture of the University of Toronto, Canada in 1986. He joined the Architectural Services Department in 1995 and has extensive professional experience and handled a number of projects including the improvement to Victoria Park, Stanley waterfront redevelopment and the Sun Yat Sen Memorial Park.

He has also worked at the Development Bureau as an Assistant Secretary in the Greening, Landscape and Tree Management Office and later as a Senior Landscape Architect in the Highways Department involving in the proactive rejuvenation of senescent Acacia trees along highways in Hong Kong. Currently, he is the Chief Landscape Architect of the Architectural Services Department looking after the Landscape Division and landscape matters of projects.

Mr. Tony Mui

**Chief Landscape Architect
Architectural Services Department
HKSAR Government**



SEMINAR TWO

A successful water feature depends...

1/3 on conceptual design;

1/3 on technical design with mock up study; and

1/3 on testing and commissioning.



Mr. Tony Cheung holds the Diploma of Design of Urban Waters from Harvard Graduated School of Design. In his 40 years of water feature design and construction experience, some of his remarkable projects include Gulin Lijiang Waterfall Hotel, World's Biggest Man-Made Waterfall in the Guinness Book of Records 2001, and Suntec City Singapore, World's Largest Fountain in the Guinness Book of Records 1998.

In the past decades, Mr. Cheung has designed, constructed and maintained over 1500 water features in over 500 projects ranging from parks, hotels, resorts, shopping malls, office buildings, estates and private residences, with his footprints over China, Hong Kong, Macau, Taiwan, Philippine, Thailand, Singapore, Malaysia and United Arab Emirate.

Mr. Tony Cheung

**Managing Director
P&A Engineering Limited**



PANEL TALK

From the beginning of a waterscape project till the completion and putting into operation, various parties are involved to perfect the water features and ensure the masterpiece to work as planned and expected.

In the Panel Talk, speakers from different stakeholder parties will share their experiences in waterscape projects, representing the perspectives of their corresponding industries and the practitioners while telling us about...

**the obstacles in waterscape projects
and how they resolve them;**

**the collaboration among stakeholder parties
and the key to successful cooperation;**

and particular topics on waterscape being interesting from their professional point of view.

Representing Developers and Architects...

Mr. Jeff Tung

Senior Project Director
New World Development Company Limited

Representing Landscape Architects...

Ms. Kathy Ng

Vice-President
The Hong Kong Institute of Landscape Architects

Representing M&E Engineers...

Ir. Brian Cheng

Chairman
The Hong Kong Institution of Engineers - Building Services Division

Representing Facility Managers...

Ir. Dr. C. S. Wong

Technical Services Manager
The Hong Kong Jockey Club

LECTURE SERIES

As a follow-up of the Seminars, CIPHE-HKB plans to launch a lecture series in the coming year, targeting to offer a more in-depth technical sharing to water feature designers, engineers, and operational staff.



LECTURE ONE: Design Criteria

(A) Architecture / Landscape:

pool location, size, shape, depth, finishing material, plant room

(B) Structure:

water loading, water impact, water surge, machine loading, construction joint, water proofing

(C) MEP coordination:

water supply, power supply, drainage, lighting, lightning, water treatment, temperature control, BA control, wind control, rain water control

(D) Cost Control / Commercial Value / Operating Cost

LECTURE TWO: Operation

(A) Design for User-Friendliness

(B) Operator Training

(C) Operation Services

LECTURE THREE: Maintenance

(A) Design for Maintainability

(B) Maintenance Training

(C) Maintenance Services

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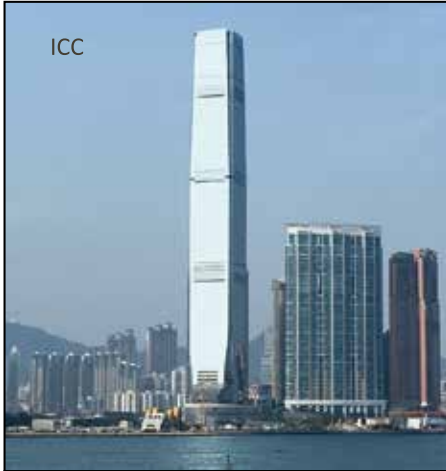
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Thank you for
joining us in

P&HE

Symposium
2018



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P&HE Symposium

Event Website:

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