

Organisers :



# Water Conference 2021

## Future Intelligent / Smart Water Resources Management

**27 April 2021 (Tuesday)**

Multi-Purpose Hall, Zero Carbon Park,  
Kowloon Bay



# FUTURE INTELLIGENT / SMART WATER RESOURCES MANAGEMENT

27 April 2021

Zero Carbon Park, 8 Sheung Yuet Road, Kowloon Bay

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## MAIN THEME

To Promote Smart Approach and Advance Technologies for Water Resources Management and Water Safety in Hong Kong

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## Targeted Participants

Waterworks Professionals, Building Designers, Building Construction and Maintenance Professionals and Practitioners, Facility Managers, and Academia

**Official Language of the Conference:** English

## PROGRAMME

08:30	Registration	
09:00	Welcome Address	Ir K F YEE, <i>Chairman, HKIE Building Services Division</i>
09:05	Opening Speech	Guest of Honour: Mr. Kelvin K W LO, JP, <i>Director of Water Supplies</i>
<b>AM Session: Water Supplies</b> (Session Chair: Ir Dr. Charles CHENG, <i>Chairman, Organizing Committee of WC2021</i> )		
09:30	<b>Water Supplies Department's Smart Water Network</b>	
	Ir CHUNG Wai Fung, <i>Senior Engineer, Water Supplies Department</i>	
10:00	<b>Smart Water Auditing</b>	
	Dr. Benjamin P L HO, <i>Senior Lecturer, Department of Mechanical Engineering, The University of Hong Kong</i>	
10:30	<i>Tea Break</i>	
11:00	<b>Smart Water in Anderson Road Quarry Development</b>	
	Ir Harry LEE, <i>Principal Engineer, Binnies Hong Kong Limited</i>	
11:30	<b>Satellite-based Smart Water Loss Management: Opportunities in the Era of Smart Cities and AI</b>	
	Dr. Howard CHEUNG, <i>Assistant Director, Building Energy Analytics Company Limited</i>	
12:00	AM Session Q&A	
12:20	<i>Lunch Break (*Lunch is NOT provided)</i>	
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14:00	Welcome Address	Ir C F LEUNG, <i>Chairman, CIWEM Hong Kong</i>
14:05	Opening Speech	Guest of Honour: Ms. Alice PANG, JP, <i>Director of Drainage Services</i>
<b>PM Session: Drainage</b> (Session Chair: Mr. Emil LAU, <i>Honorary Secretary, CIPHE Hong Kong Branch</i> )		
14:30	<b>Smart Drainage Solutions to Improve Urban Flood Resilience and Water Resource</b>	
	Mr. LAU Shing Cheong, Edwin, <i>Chief Engineer, Land Drainage, Drainage Services Department</i>	
15:00	<b>Green and Blue Network – Sustainable Infrastructure Design</b>	
	Miss Kathy NG, <i>Chief Landscape Architect, Highways Department</i>	
15:30	<i>Tea Break</i>	
16:00	<b>Smart Seawater Application and Wastewater Collection System Retrofitting for Resources Saving and Recovery</b>	
	Dr. DAI Ji, <i>Research Assistant Professor, The Hong Kong University of Science and Technology</i>	
16:30	<b>New Survey Method for Public Sewer</b>	
	Sr LAM Lityin, <i>General Manager, D-reality Consultancy Limited</i>	
17:00	PM Session Q&A	
17:20	Closing Address	Ms. Sylvia LIU, <i>Chairlady, CIPHE Hong Kong Branch</i>

Remark: The Organizers reserve the right to modify and update the conference program without prior notice.

## REGISTRATION FEES

	*Early Bird	Standard
Member of HKIE-BSD, CIPHE-HKB, CIWEM HK or Supporting Organizations	**HK\$700	**HK\$1,000
Non-member	**HK\$800	**HK\$1,100
Full-time Student	**HK\$100	**HK\$150
Participation via ZOOM		HK\$450

\*Early Bird registration discount is only valid if payment is received on or before 31 March 2021.

\*\* Lunch is NOT included.

## Participant can obtain a certificate of 6 hours Continuing Professional Development (CPD)

[This conference has recognized for WSD Voluntary Continuing Professional Development Scheme (Code: C06-003-20210427).

If you would apply for credits of the Voluntary Continuing Professional Development (CPD) Scheme for LP under Water Supplies Department, please make sure you have provided a valid Plumber Licence Number. Certificate will only be issued to whom with full attendance.]

## REGISTRATION



Register online via <https://forms.gle/KSAwG2hFLSt2aWkZ9>, prepare a Crossed Cheque payable to "The Hong Kong Institution of Engineers - BS Division", and mail to **Ir Keith Yue, Hysan Development Co. Ltd., 50/F., Lee Garden One, 33 Hysan Avenue, Causeway Bay, Hong Kong.**

Please read through the Remarks stated at the end of the Enrolment Form before registration.

At the back of the cheque, please state the following information:

1. Water Conference 2021;
2. Name of Company/Organization;
3. Name of Registrant;
4. Contact Telephone Number; &
5. Email Address.

There is no refund for cancellation of registration initiated by a registrant. However, the registration may be transferred to another person from the same company or organization at no extra charge by notifying the Organizers on or before 20 April 2021.

Seating capacity is limited, on a first-come- first-served basis.

Registration will close on **20 April 2021**.

For enquiry, please contact the Secretariat Ms. Coty SIU at 2417-0091 or Ms. Bernice CHENG at 9327-0676,  
Email at [info@ciphe.org.hk](mailto:info@ciphe.org.hk) or Fax to (852) 2417-9719.

## ORGANIZING COMMITTEE

Chairman:	Ir Dr. Charles CHENG	HKIE-BSD				
Members:	Ir K F YEE	HKIE-BSD	Ms. Sylvia LIU	CIPHE-HKB	Ir C F LEUNG	CIWEM-HK
	Ir Raymond TAM	HKIE-BSD	Mr. Y C YIU	CIPHE-HKB	Ir Grant CHAU	CIWEM-HK
	Ms. Esther MAK	HKIE-BSD	Ir Derek CHAN	CIPHE-HKB	Ir H H CHENG	CIWEM-HK
	Mr. Steven POON	HKIE-BSD	Mr. Kenneth CHAN	CIPHE-HKB	Dr. Katrina KWOK	CIWEM-HK
			Mr. Arthur LI	CIPHE-HKB		
Adviser:	Ir Dr. C S WONG					

## SUPPORTING ORGANIZATIONS

- Architectural Services Department
- BEAM Society Limited
- Building Services Operation and Maintenance Executives Society
- Buildings Department
- Business Environment Council
- Construction Industry Council
- Drainage Services Department
- Electrical and Mechanical Services Department
- Environmental Protection Department
- Highways Department
- Hong Kong Green Building Council
- Hong Kong Housing Authority / Housing Department
- International Facility Management Association Hong Kong Chapter
- The Chartered Institution of Building Services Engineers Hong Kong Region
- The Hong Kong Institute of Facility Management
- The Hong Kong Institute of Surveyors
- Water Supplies Department

Organizers:



Building Services Division  
屋宇裝備分部



WATER CONFERENCE 2021 ON

## FUTURE INTELLIGENT / SMART WATER RESOURCES MANAGEMENT

27 April 2021 @ Zero Carbon Park, 8 Sheung Yuet Road, Kowloon Bay

### PERSONAL CONTACT DETAILS

### Enrolment Form

Name (Mr./Ms./Ir/Dr/Prof) : \_\_\_\_\_

Membership :

HKIE-BSD    CIPHE-HKB    CIWEM HK

Member No. : \_\_\_\_\_

Supporting Organization

Member No. : \_\_\_\_\_

Full-time Student

WSD License Plumber - License number : \_\_\_\_\_

Name of Company/ Organization/ University : \_\_\_\_\_

Position : \_\_\_\_\_

Contact Address : \_\_\_\_\_

Contact Tel. No. : \_\_\_\_\_ Mobile No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_ Email Address : \_\_\_\_\_

Do you agree that we use your personal data for promotion of future events?

Yes    No

Signature : \_\_\_\_\_

Date : \_\_\_\_\_

Note: Please send your completed Enrolment Form (the Form) together with crossed cheque payable to "The Hong Kong Institution of Engineers - BS Division" and mail to Ir Keith Yue, Hysan Development Co. Ltd., 50/F., Lee Garden One, 33 Hysan Avenue, Causeway Bay, Hong Kong.

At the back of the cheque, please kindly state "Water Conference 2021", name of your company/organization, contact person, contact phone number and email address.

Remarks:

- 1) Please settle full payment within 3 working days from registration.
- 2) No refund may be made but substitute delegate is allowed.
- 3) Booking will only be confirmed with payment, on a first-come-first-served basis.
- 4) An official e-receipt will be issued by email to the registrant only upon payment.
- 5) The event will be cancelled with full refund when the typhoon signal no. 8 or above, or black storm warning is hoisted 3 hours before the event commences.
- 6) Contact information will be solely used in future event promotion if agreed.
- 7) Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned, or otherwise disclosed to third party.