



By Email

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7 October 2015

Dear Sir/Madam,

Drainage Services Department
Research & Development (R&D) Forum 2015

On behalf of Drainage Services Department (DSD), I cordially invite you and your colleagues to join the DSD R&D Forum 2015.

In support of our vision to provide world-class wastewater and stormwater drainage services, DSD has all along accorded high priority to R&D with a mission to afford sustainable designs to our sewerage and drainage systems. This year, the Forum 2015 will be a two half-day event to be held at the Hong Kong Science Museum, Tsim Sha Tsui, Kowloon with the following themes:

- Session 1: 11 November 2015 a.m. (Wednesday) – Wastewater Management
- Session 2: 18 November 2015 a.m. (Wednesday) – Revitalising Water Bodies

We are most honoured to have ten distinguished speakers to present their research work on these two themes. Participants can seize this unique opportunity for networking with stakeholders in the field and to get inspired by the state-of-the-art R&D topics. Please visit the Forum website at <http://www.dsd.gov.hk/rdforum/2015/index.html> to find out more about the Forum.

I attach herewith the Forum leaflet for your information and should be grateful if you would circulate it for invitation of relevant colleagues and members of your organization, and encourage them to enrol through <http://www.dsd.gov.hk/rdforum/2015/enroll.html> by 28 October 2015. Confirmation of enrolment will be served in due course

If you have any queries, please contact the Forum Secretariat, Dr Frankie LAU (Session 1) at 2594 7332 or Ir Tommy NG (Session 2) at 2300 1179, and by email at rdforum2015@dsd.gov.hk.

Yours faithfully,


(MAK Ka-wai)

Deputy Director of Drainage Services

**Drainage Services Department
Research & Development Forum 2015**



Date : **11 November 2015 a.m. (Session 1) – Wastewater Management**
18 November 2015 a.m. (Session 2) – Revitalising Water Bodies

Venue : **Lecture Hall, 1/F (Podium), Hong Kong Science Museum,**
2 Science Museum Road, Tsim Sha Tsui East, Kowloon.

Objective

To foster collaboration amongst the government, tertiary institutions and partners in the industry on research and development (R&D) that supports innovation in delivering sustainable drainage and sewerage services in Hong Kong.

About the Drainage Services Department Research & Development Forum 2015

In support of our vision to provide world-class wastewater and stormwater drainage services, Drainage Services Department (DSD) is committed to promoting R&D works and encouraging collaboration with stakeholders in the industry. As the highlight of each year, we have been holding the DSD R&D Forum since 2006.

This year, the Forum will be held in the morning on 11 and 18 November 2015 at the Hong Kong Science Museum, with the themes "wastewater management" and "revitalising water bodies" respectively. Five topics will be presented in each session. Ten distinguished speakers from the academia and the engineering industry are invited to present their research findings, and share their expertise and experience on the above subjects. The DSD R&D Forum 2015 will bring together representatives from government, industry, academia and other stakeholders to build on the current state of knowledge. It will provide a good platform for participants to network, to share findings of local and international research, and to identify potential areas of new research.

Forum Website

www.dsd.gov.hk/rdforum/2015/index.html



Online Enrollment

www.dsd.gov.hk/rdforum/2015/enroll.html

Enrollment Deadline: 28 October 2015 (Wednesday)



Enquiry

Forum Secretariat

Dr Frankie T.K. LAU Tel.: 2594 7332
Ir Tommy S.T. NG Tel.: 2300 1569
Email: rdforum2015@dsd.gov.hk

Drainage Services Department
Research & Development Forum 2015 Programme



Date: **11 November 2015 a.m. (Session 1)**
Wastewater Management
Time : 09:00 – 12:40
Venue : **Lecture Hall, 1/F (Podium), Hong Kong Science Museum,
2 Science Museum Road, Tsim Sha Tsui East, Kowloon.**

TIME	TOPIC	SPEAKER
09:00 – 09:15	Registration	
09:15 – 09:20	Welcome Speech	Ir Edwin K. H. TONG, JP Director of Drainage Services
09:20 – 09:35	Keynote Address	Ms Anissa S. Y. WONG, JP Permanent Secretary for the Environment
09:35 – 09:40	Photography Session	
09:40 – 10:10	Co-digestion of Food Waste and Sewage Sludge	Dr Tong ZHANG The University of Hong Kong
10:10 – 10:40	Field Experiment of Disinfection Dosage Optimization for the Hong Kong Harbour Area Treatment Scheme	Prof Joseph H. W. LEE The Hong Kong University of Science and Technology
10:40 – 11:00	Break	
11:00 – 11:30	Innovative Sewage Infrastructure for Reinforcing Sustainable Urban Development – Largest Cavern Sewage Treatment Works in Hong Kong	Ir Echo LEONG AECOM Asia Co. Ltd.
11:30 – 12:00	Relationships between the Composition of Sludge and Performance of Anaerobic Digesters	Dr Patrick K. H. LEE City University of Hong Kong
12:00 – 12:30	Bio-liquid and Biogas Fuel Cells for Sustainable Energy Future	Prof T. S. ZHAO The Hong Kong University of Science and Technology
12:30 – 12:40	Closing Remarks	Assistant Director/Electrical & Mechanical Drainage Services Department

Online Enrollment



www.dsd.gov.hk/rdforum/2015/enroll.html

Drainage Services Department
Research & Development Forum 2015 Programme



Date: **18 November 2015 a.m. (Session 2)**
Revitalising Water Bodies
Time : 09:00 – 12:40
Venue : **Lecture Hall, 1/F (Podium), Hong Kong Science Museum,
2 Science Museum Road, Tsim Sha Tsui East, Kowloon.**

TIME	TOPIC	SPEAKER
09:00 – 09:15	Registration	
09:15 – 09:20	Welcome Speech	Ir Edwin K. H. TONG, JP Director of Drainage Services
09:20 – 09:35	Keynote Address	Ir Eric S. C. MA, JP Under Secretary for Development
09:35 – 09:40	Photography Session	
09:40 – 10:10	Relation of In-stream Physical Heterogeneity and Ecological Quality: Implications to Sustainable Flood Channel Design	Ir Prof Onyx W.H. WAI The Hong Kong Polytechnic University
10:10 – 10:40	Ecological Restoration of Yuen Long Bypass Floodway	Mr Gary K. L. CHOW Mott MacDonald Hong Kong Ltd.
10:40 – 11:00	Break	
11:00 – 11:30	深圳福田河的活化與重生 (<i>Presentation to be delivered in Putonghua</i>)	朱聞博副院長 深圳市水務規劃設計院有限公司
11:30 – 12:00	Potential of Low-Impact Development for Stormwater Management in Hong Kong	Dr Kit Ming LAM The University of Hong Kong
12:00 – 12:30	Hong Kong River Ecology	Dr NG Cho-nam The University of Hong Kong
12:30 – 12:40	Closing Remarks	Assistant Director/Operations & Maintenance Drainage Services Department

Online Enrollment



www.dsd.gov.hk/rdforum/2015/enroll.html