



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Technical Visit to SMART Control Center (SCC), Department of Irrigation and Drainage Federal Territory of Kuala Lumpur, Ministry of Environment and Water

(Jointly Organized with Water Resources Engineering Technical Division, Environmental Engineering Technical Division, Senior Special Interest Group & Consulting Engineers Special Interest Group)

Date : 06th July 2022 (Wednesday)

Time : 9.00am – 12.30pm (Assemble at Bangunan Ingenieur by 8.30 - Coach will depart at 8.45am)

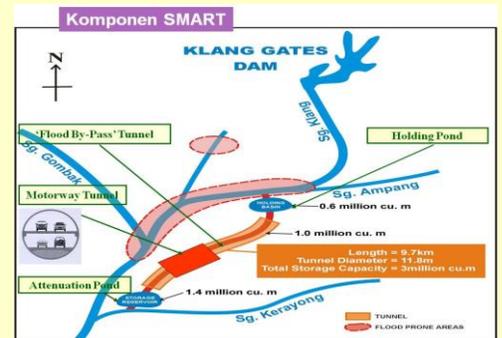
Venue : Pusat Kawalan SMART, Jabatan Pengairan dan Saliran WP Kuala Lumpur, Jalan Berembang, Kampung Berembang, 55000 Kuala Lumpur, Malaysia

BEM Approved CPD/PDP Hours: 2 | Ref No: IEM22/HQ/215/V

SMART is an acronym for Stormwater Management and Road Tunnel. It is an innovative project of the Government of Malaysia to ease the flooding problem in Kuala Lumpur City Centre at Klang River near the vicinity of Masjid Jamek, Jalan Tun Perak. The project also serves to ease the traffic congestion between Kuala Lumpur City Centre and Southern Gateway at Sungai Besi. The unique feature of SMART is the 3km double-deck motorway within the 9.7km tunnel which starts near Kampung Pandan roundabout and ends at Kuala Lumpur-Seremban Highway next to TUDM Airfield at Sungai Besi.

A sophisticated and modern Flood Detection System (FDS) provides real time flood forecasting information. This enables the efficient and safe management at the operation of the tunnel. For the safety of the motorists, the motorway traffic is unidirectional and safety features such as ventilation shafts, cross passages, fire extinguisher and air ventilators have been incorporated in the design.

The SMART tunnel begins at Kg. Berembang where the Diversion Weir at the confluence of Sg. Klang/ Sg. Ampang and Offtake Structure will divert flood water to the Holding Pond. The water then flows through the Intake Bell Mouth structure into the tunnel and discharge at the Attenuation Pond, Taman Desa flood. Flood water is stored at this pond before discharge into Sg. Kerayong through the Twin Box Culvert.



Time	Tentative Itinerary
9.30 am	Arrival of IEM Delegates
10.00 am	Safety Briefings On SCC via video presentation
10.05 am	Welcoming speech by Operation Director of SCC
10.15 am	Technical briefings on the operations of Flood Detection System (FDS)
10.45 am	Technical visits to FDS Operation Room and Berembang Holding Pond
12.00 noon	Group photo session and end of visit

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

COMMITMENT FEE (INCLUSIVE OF SST)

(Nonrefundable & Nontransferable)

IEM Member: RM50.00

Non Member: RM70.00

- The visit is strictly limited to only **thirty (30) participants** registered on a first come first pay basis.
- Interested members could register and pay online at IEM website (<http://www.myiem.org.my>); or register by returning the appended registration form by **30th June 2022** together with the payment.
- Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- **The commitment fee must be settled prior to the visit.**
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that if a place is reserved, IEM may cancel the reservation if payment is not received.
- If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

Ir. C. Kamalesan Chandrasekaran
Chairman, Water Resources Technical Division, EM
Ir. Yim Hon Wa
Chairman, Consulting Engineers Special Interest Group, IEM

Ir. Tang Boon Heng
Chairman, Environmental Engineering Technical Division, IEM

Ir. Lalchand Gulabrai
Chairman Senior Special Interest Group, IEM

- REPLY SLIP – Email to Roselein@iem.org.my

Technical Visit to SMART Control Center (SCC), Department of Irrigation and Drainage Federal Territory of Kuala Lumpur, Ministry of Environment and Water

I wish to participate in the above visit on **06th July 2022**. I enclosed herewith a cheque No..... for the amount of RM..... as my commitment fee visit.

Name: Membership: Grade:

Contact Number: Company Name:

Address:

I will be participating in the visit on my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....
Date

.....
Signature