

SWaM 2026

NATIONAL CONFERENCE ON STORMWATER MANAGEMENT



CONFERENCE PROGRAMME

Organised by:



1–4 SEPTEMBER 2026



SUNWAY PUTRA HOTEL
KUALA LUMPUR, MALAYSIA

PRE-CONFERENCE PROGRAM

1 SEPTEMBER 2026

SWaM 2026 Pre-Conference Workshop A Constructed Wetlands in Malaysia: Concept, Design and Application for Sustainable Stormwater Management



Speakers:

Ir. Dr. Goh Hui Weng

TIME	DURATION	DETAILS
7.30 am - 8.30 am	1:00	Pre-conference registration
8.30 am - 10:35 am	2:05	SWaM 2026 Pre-Conference Workshop A
10:35 am - 10:55 am	0:20	Tea break
10:55 am - 1:00 pm	2:05	SWaM 2026 Pre-Conference Workshop A (continued)
1:00 pm - 2:15 pm	1:15	Lunch break
2:15 pm - 4:30 pm	2:15	SWaM 2026 Pre-Conference Workshop A (continued)
4.30 pm - 5:00 pm	0:30	Networking session / refreshments
5:00 pm	-	END OF PRE-CONFERENCE DAY

Note:



- SWaM 2026 Pre-Conference Workshop A and B will be conducted as parallel sessions.
- Participants may only choose and attend one session. Attendance is limited to the session selected during registration only.

*Please note that the conference programme is subject to change without prior notice.



6 MSO PDH POINT



BEM CPD POINT IS SUBJECT TO APPROVAL



PRE-CONFERENCE PROGRAM

1 SEPTEMBER 2026

SWaM 2026 Pre-Conference Workshop B

Engineering Resilience:

Assisting Nature's Approach to Riverbank Repairs and Protection

Speakers:
 **Ir. Leong Kwok Wing**
Mr. Cheong Hon Loong



TIME	DURATION	DETAILS
7.30 am - 8.30 am	1:00	Pre-conference registration
8.30 am - 10:35 am	2:05	SWaM 2026 Pre-Conference Workshop B
10:35 am - 10:55 am	0:20	Tea break
10:55 am - 1:00 pm	2:05	SWaM 2026 Pre-Conference Workshop B (continued)
1:00 pm - 2:15 pm	1:15	Lunch break
2:15 pm - 4:30 pm	2:15	SWaM 2026 Pre-Conference Workshop B (continued)
4.30 pm - 5:00 pm	0:30	Networking session / refreshments
5:00 pm	-	END OF PRE-CONFERENCE DAY

Note:



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CONFERENCE PROGRAM

SWaM 2026 National Conference on Stormwater Management Inspired by Nature, Engineered for Resilience

2 SEPTEMBER 2026

12 MSO PDH POINT | BEM CPD POINT SUBJECT TO APPROVAL



TIME	DETAILS
7.30 am - 8.30 am	Conference Registration
8.30 am - 10:35 am	Opening Ceremony
10:35 am - 10:55 am	Tea break
ENHANCEMENT OF MSMA 2	
10:55 am - 11:40 am	Keynote paper 1 Inspired by Nature, Engineered for Resilience (Datuk Ir. Radzi bin Abdul Talib)
11:40 am - 12:10 pm	Paper 1 Resilient by Design: Integrated Nature-Based Stormwater Management (Ir. Azmi bin Amat)
12:10 pm - 12:40 pm	PAPER 2 New design paradigms of Malaysia Stormwater Management (Ir. Dr. Lim Foo Hoat)
12:40 pm - 1:00 pm	Panel Discussion
1:00 pm - 2:15 pm	Lunch Break
PLANNING AND DESIGN POLICY FOR RESILIENT STORMWATER INFRASTRUCTURES	
2:15 pm - 3:00 pm	KEYNOTE PAPER 2 Planning Water-Resilient Cities: A Spatial Planning Framework for Integrating Nature-Based Solutions into Urban Development (Muhammad Anwar Ramli)
3:00 pm - 3:30 pm	Paper 3 Living with Nature: Shaping Sustainable Future through Landscape Architecture (Assoc. Prof. LAr. Dr Nor Atiah Ismail)
3:30 pm - 4:00 pm	Paper 4 MSMA Isn't Just JPS: Who Really Owns Flood Risk? (Ir. R. Sreedaran)
4:00 pm - 4:20 pm	Panel Discussion
4:20 pm - 5:00 pm	Networking session / refreshments
5:00 pm	End of Day 1

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CONFERENCE PROGRAM

SWaM 2026 National Conference on Stormwater Management
Inspired by Nature, Engineered for Resilience

3 SEPTEMBER 2026

12 MSO PDH POINT | BEM CPD POINT SUBJECT TO APPROVAL



TIME	DETAILS
7.30 am - 8.30 am	Conference Registration
SAFEGUARDING WATER QUALITY THROUGH NBS	
8:30 am - 9:15 am	KEYNOTE PAPER 3 Safeguarding Water Quality Through NBS (YBrS Tuan Norazizi Bin Adinan)
9:15 am - 9:45 am	PAPER 5 Phytoremediation in Water Quality Management: Applications, Lessons Learned, and Challenge (Ir. Dr. Zaki Zainudin)
9:45 am - 10:15 am	PAPER 6 Stormwater and Sediment Control under Space-Constrained Conditions: Lessons from Transmission Line Construction in Reserved Forest Areas (Ts. Mohamad Amizam bin Abdul Jabbar)
10:15 am - 10:35 am	Panel Discussion
10:35 am - 10:55 am	Tea Break
RESILIENT STORMWATER MANAGEMENT PRACTICES	
10:55 am - 11:40 am	KEYNOTE PAPER 4 Embracing Stormwater Management for Resilience (Ir. Ts. Gs. Dr. Safari Hj. Mat Desa)
11:40 am - 12:10 pm	PAPER 7 Urban Flood Forecasting (Prof. Datin Ir. Dr Lariyah Mohd Sidek)
12:10 pm - 12:40 pm	PAPER 8_Leo Group Pump Smart Solutions Enable Stormwater Management for Sponge Cities (Shirley Zou)
12:40 pm - 1:00 pm	Panel Discussion
1:00 pm - 2:15 pm	Lunch Break

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3 SEPTEMBER 2026

12 MSO PDH POINT | BEM CPD POINT SUBJECT TO APPROVAL



TIME	DETAILS
ADVANCEMENT IN STORMWATER MANAGAMENT	
2:15 pm - 3:00 pm	KEYNOTE PAPER 5 Nature-based Stormwater Solutions: Implementation Experience of Sponge City in Mountainous Chongqing (Chen Jie)
3:00 pm - 3:30 pm	PAPER 9 Application of Building Information Modelling (BIM) in Stormwater Drainage Projects (Ir. Cheok Hou Seng)
3:30 pm - 4:00 pm	PAPER 10 Using AI in Stormwater Management and Design - Experiences and Future Applications (Dr. James Lau Kok Tsen)
4:00 pm - 4:20 pm	Panel Discussion
4:20 pm - 5:00 pm	Closing ceremony Networking session / refreshments
5.00 pm	End of Day 2

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POST - CONFERENCE PROGRAM

SWaM 2026 Site Visit

4 September 2026

2 MSO PDH POINT | BEM CPD POINT SUBJECT TO APPROVAL

SITE VISIT TO SMART TUNNEL

TIME	DETAILS
7.30 am - 8.30 am	Site visit registration / Gather at hotel lobby
8.30 am	Bus departs for site visit
	The SWaM 2026 Site Visit offers participants an exclusive opportunity to visit the SMART Tunnel (Stormwater Management and Road Tunnel), the world's first dual-purpose tunnel designed for both stormwater management and traffic relief. Participants will gain first-hand insights into the tunnel's innovative design, flood mitigation operations, and integrated traffic management system through a guided technical tour and knowledge-sharing session with industry experts. Transportation and light refreshments will be provided throughout the programme.
	Site visit returns and guests depart
1:00 pm	END OF POST-CONFERENCE DAY

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