

CONFERENCE PROGRAM

Date	Event
4 th – 6 th October 2021 (Monday – Wednesday)	SWaM 2021 – “National Conference on Sustainable Solutions for Stormwater Management” Sub Theme: Challenges and Actions, Policies and Legislation, Innovation and Technology. Fee RM250 for MSO & IEM Members RM400 for Non-members



Payment by online transfer/cheque/Local Order to:

Malaysian Stormwater Organisation
Acct No.: 8001364810 (CIMB Bank Berhad)
MOF No.: 357-0002310495

Please submit the online registration forms and proof of payment before **20th September 2021** to:

Email : mso.conference@gmail.com
Fax : 03-26972941
Contact Person : 010-6549675 (Ms. Zahirah)
017-2229675 (Ms. Hasanah)

**PDH and CPD points are
provided**

** PDH & CPD points is subject to approval by MSO and BEM

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3 HALF DAYS**

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Submit proof of payment to
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STEP 5

A notification email will be sent to you to confirm your participation

SWaM 2021- "Sustainable Solutions for Stormwater Management"

- Challenges and Actions
- Policies and Legislation
- Innovation and Technology

4th - 6th October 2021

Organised by



Co-organiser



Introduction

SWaM 2021 is the third in the series of national conferences held every two years by the Malaysian Stormwater Organisation (MSO), which focuses on managing stormwater runoff in terms of quality and quantity.

SWaM 2021 will emphasize on strengthening the institutional and legal framework - the missing link in MSMA2 (Chapters 2 and 3). Effective stormwater management is vital for the protection of the environment while ineffective implementation can have far-reaching consequences to local water quality, flooding, quality of life, the economy and beyond. Current best management practices (BMPs) in stormwater management and the shortcomings in their implementation will be highlighted in this conference. Best practices in storm water treatment systems is also in great demand as many growing cities around the world are looking for solutions that can handle high volumes of stormwater in a small footprint. In addition, contaminants need to be treated 'at source' in effective and sustainable approaches to the problem of emerging contaminants being detected in urban runoff. Thus, national policies need to be revised to meet these growing challenges in stormwater runoff management.

Objectives

1. To disseminate information to stakeholders on the importance of stormwater management and to industry players for sustainable development to avoid prevalence of urban flooding.
2. To discuss the latest approaches and effective implementation of erosion and sedimentation control at project sites and to promote self-regulation in ESC

SWaM 2021 Tentative Program

Date	Time	Details
DAY 1 4 October 2021 (Monday)	0800 - 0900	Registration Day 1
	0900 - 0930	Opening ceremony - (i) Doa (ii) Speech by MSO President (iii) Opening by YBM KASA (iv) Group photo session (v) Montage
	0930 - 1000	Keynote Paper 1: Controlling Sedimentation to Rivers from Other Sectors Speaker: YB Datuk Seri Ir. Dr. Zaini Ujang, Secretary General, Ministry of Environment and Water Malaysia
	1000 - 1020	Paper 1: Making MSMA More Sustainable Speaker: Dato' Ir. Hj Nor Hisham bin Mohd Ghazali, Director General, Department of Irrigation and Drainage Malaysia
	1020 - 1030	Sponsor's message / commercial break / corporate videos
	1030 - 1050	Paper 2: To Ensure Sustainable Management of Stormwater towards SDG 6 Speaker: Prof. Dr. Nor Azazi Zakaria, UNESCO Chair holder on Ecohydraulics for Sustainable Water Infrastructures for SDG 6 in the Asia and the Pacific Region
	1050 - 1110	Paper 3: Retrofitting an Urban River – Making Sungai Bonus Sustainable Speaker: Ir Azman Abu Bakar, Perunding Azman, Ooi & Rao Sdn Bhd
	1110 - 1120	Sponsor's message / commercial break / corporate videos
	1120 - 1140	Paper 4: Urban River Rehabilitation through Public Participation Speaker: Mansor Abd Ghani, Deputy President, Friends of Klang River Basin
	1140 - 1200	Paper 5: Paper "Best Thesis Awards" – MSc Category Winner of Best Thesis Awards – MSc Category
	1200 - 1300	Panel discussion 1 (Papers 1 – 5)

Date	Time	Details
DAY 2 5 October 2021 (Tuesday)	0800 - 0900	Registration Day 2
	0900 - 0930	Keynote Paper 2: Establishing Certification Programs for Malaysia - Learning from the California Experience Speaker: Robert Anderson, Chairman, ECI Board, USA
	0930 - 0950	Paper 6: LD-P2M2 and ESCP: The DoE Perspective Speaker: Department of Environment Malaysia
	0950 - 1010	Paper 7: New certification programs from ECI Speaker: Robert Anderson, Chairman, ECI Board, USA
	1010 - 1110	Plenary Session 1 (Keynote Paper 2, Paper 6 & Paper 7) (Chaired by Dato President MSO)
	1110 - 1120	Sponsor's message / commercial break / corporate videos
	1120 - 1140	Paper 8: Integrated Approach to Managing Flash Floods in Malaysia Speaker: Ir. Dr. Wong Wai Sam, Water Resources Technical Division, The Institution of Engineers Malaysia (IEM)
	1140 - 1200	Paper 9: Are ESC Challenges MY Problem or OUR Problem? Speaker: Ir Leong Kwok Wing
	1200 - 1210	Sponsor's message / commercial break / corporate videos
	1210 - 1230	Paper 10: Paper "Best Thesis Awards" – PhD Category Winner of Best Thesis Awards – PhD Category
	1230 - 1300	Panel discussion 2 (Papers 8 – 10)
	DAY 3 6 October 2021 (Wednesday)	0800 - 0900
0900 - 0930		Keynote Paper 3: Key Drivers of Changes in Sediment Load of Chinese Rivers Discharging to the Ocean Speaker: Prof Dr. Liu Cheng, Deputy Division Chief, International Research and Training Center on Erosion and Sedimentation (IRTCES), China
0930 - 0950		Paper 11 IECA - Lighting the Candle in the Darkness Speaker: Ing. Nicky Araujo, President of the Board of Directors, International Erosion Control Association (IECA)
0950 - 1010		Paper 12 Vegetation Canopies: A New Approach to Urban Flood Mitigation Speaker: Dato. Ir. Ahmad Fuad Embi
1010 - 1050		Plenary Session 2 (Keynote Paper 3, Paper 11 & Paper 12) (Chaired by Dato President MSO)
1050 - 1100		Sponsor's message / commercial break / corporate videos
1100 - 1120		Paper 13 Innovative Floodplain Management Approach towards Solving Urban Floods - Case Study of Sg Juru, Penang Speaker: Ir. Ts. Abd. Jalil Hassan, River Net Consulting Sdn. Bhd.
1120 - 1140		Paper 14 The Evolution of Stormwater Management Design towards SUDS Speaker: Bridget Woods Ballard, Technical Director, HR Wallingford, UK
1140 - 1150		Sponsor's message / commercial break / corporate videos
1150 - 1210		Paper 15 The Use of Geosynthetic Dewatering Technologies to Improve Water Quality at Discharge from Mining Sediment Basins Speaker: Norhisam Omar, TenCate Geosynthetics Asia Sdn Bhd
1210 - 1230		Panel discussion 3 (Papers 13 – 15)
1230 - 1300		Closing session (i) Rapporteurs' report (ii) Organizing committee chairman's remarks