IEM
The Institution of Engineers, Malaysia

WRTD 'S PRE AGM TALK ON

INCORPORATING CLIMATE CHANGE ADAPTATION IN FLOOD MITIGATION STRATEGY.

July 6th, 2024 - Saturday

9.00am	Malakoff Auditorium, Wisma IEM, PJ

Spekaer :
YBhg. Dato'
Ir. Nor Hisham
Mohd Ghazali

Organised By :
Water Resources Technical Division, IEM in conjunction with WRTD's 37th AGM

REGISTRATION FEES
IEM Students: Free
IEM Members: RM15 (Online)
/ RM20 (Offline)
Non-IEM Members: RM70

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BEM Approved CPD/PDP Hours: 2 | Ref No: IEM24/HQ/262/AGM

Synposis

"Incorporating Climate Change Adaptation in Flood Mitigation Strategy" focuses on integrating measures that address the impacts of climate change into flood prevention and management plans. This involves updating current flood mitigation practices to account for increased flood risks due to changing weather patterns, rising sea levels, and more frequent extreme weather events. The goal is to create more resilient infrastructure, improve early warning systems, and adopt sustainable land-use practices to better protect communities and ecosystems from future flood hazards.

Speaker's Biodata

Dato' Ir. Nor Hisham Bin Mohd. Ghazali is an independent non-executive director at Pengurusan Asset Air Berhad and Chairman of the Malaysian Water Partnership. He was the Director-General of the Department of Irrigation and Drainage Malaysia (DID) from February 2020 to November 2021 before becoming the Director-General of the National Institute of Water Research Malaysia (NAHRIM) where he retired in August 2022. He holds a B. Sc. in Civil Engineering from California State University and a Masters' Degree in Coastal and Maritime Engineering from Universiti Teknologi Malaysia. Specialising in coastal engineering and erosion control, he was instrumental in adapting state-of-the-art technology into DID's coastal engineering program and pioneered the government's Integrated Shoreline Management Program. Dato' Nor Hisham has over 35 years of service and experience in operational, technical, research, management and policy positions. At the directorate level, Dato' Nor Hisham has overseen all aspects of organisational management from project development, information management to governance and performance audit. His direct involvement in major field events such as the 2004 tsunami and post-2014 east coast floods has equipped him with unique experience of water-related disaster risk management. His notable achievements include establishing the National Flood Forecasting and Warning Centre and the planning and construction of the first concrete Sabo structures in Malaysia to mitigate debris and mud flood flows following the 2021 mud flood disaster at Yan and Kuala Muda, Kedah. Since retirement, his time is divided between creating education and awareness programs on Integrated Water Resources Management and consultancy engagements on coastal engineering and ESG.