The Institution of Engineers, Malaysia

Jointly organised by
Standing Committee of Corporate Affairs, Standing Committee on Welfare and Water Resources
Technical Division

Online Forum

Handling Natural Disaster: Real Time Coordinated Approach in Disaster Management

22 March 2022 (Tuesday)

BEM Approved CPD: 2 hrs
Ref: IEM22/HQ/080/F (w)

3:00pm - 5:00 pm (MYT) GMT +8

In recent years, Malaysia had been faced with natural disasters seldom seen and experienced before. These are catastrophic happenings which could lead to devastation and social environmental disruption.

The Forum is intended to recognize that we can no longer rest on our laurels thinking that these catastrophies will not happen in Malaysia. We need to be prepared physically and mentally, to handle future natural disasters and incidences in a better coordinated way or approach, benefiting the public.

It is also meant as a platform to share experience, good practices, benchmarks, safety practices, pre- and post-disaster actions, and other related remedies.

Moderator

Ir. Mohd Radzi bin Salleh
IEM Council Member &
Chairman ,
Sub Committee on
Structured Training

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Meet our Panellists

Dato Ir. NOR HISHAM BIN MOHD GHAZALI
FIEM. P. Eng, ACPE, Hon. FAFEO
Director General, National Water Research Institute Malaysia (NAHRIM)

Biodata
Dato' Ir. Nor Hisham holds a Masters of Engineering degree in Coastal and Maritime Engineering. He was appointed as the Director General of the National Hydraulic Research Institute of Malaysia (NAHRIM) in 2021. Prior to this, he had served in the Department of Irrigation and Drainage Malaysia (DID) since 1987. Dato' Nor Hisham specialised in shoreline management (coastal erosion control) and also held the post of Director of SMART Tunnel Stormwater Control Center (2012-2015) and Director DID Johor (2015-2016) and thereafter Director General of DID in 2020.

Dr. KHAMARRUL AZAHARI BIN RAZAK
Ph.D (Remote Sensing & Geosciences), M.Sc. (Geomatics Engineering), B.Sc. (Geomatics Engineering)
Director, Disaster Preparedness and Prevention Center (DPPC), Malaysia-Japan International Institute of Technology (MJIIT)

Biodata
Dr Khamarrul Azahari is currently the Director of Disaster Preparedness & Prevention Centre of the Malaysia-Japan International Institute of Technology (MJIIT), Universiti Teknologi Malaysia). He is experienced in the area of Climate Change being involved in Climate Change & Disaster Risk Reduction Working Group, Global Young Academy (GYA) Hale, Germany and Asian Civil Engineering Coordinating Council on TC21 related to Transdisciplinary approach for Building Societal Resilience to Disasters. He has authored numerous papers including topics on climate change, slope hazard and risk assessment, flood risk assessment, utilization of airborne LiDAR data for landslide mapping, airborne laser scanning for forested landslide investigation and many more.

Dr. ANDI EKA SAKYA
(M.Eng, PhD Japan)
Former Head of Meteorological Climatological and Geophysical Agency (BMKG), Republic of Indonesia

Biodata
Dr. Andi Eka Sakya is an Aeronautical Engineer by education. He is currently the Head of Division for Disaster and Climate Change within the PII (Persatuan Insinyur Indonesia). A Senior Engineer in the field of Disaster Technology at Research Center for Geological Disaster, Earth and Maritime Research Organization, National Research and Innovation Agency (BRIN), Indonesia; and he is, at present also a member of Working Group Experts of Capacity Development, IOC/UNESCO.

From 2013 – 2017, he served as the Head of the Agency for Meteorology Climatology and Geophysics (BMKG) and was elected as President WMO RA V (Southwest Asia Pacific) in 2014 – 2018, and as Chair of the Intergovernmental Coordination Group of the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS), IOC/UNESCO in 2017 – 2019.

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