



WEBINAR TALK ON INLAND WATERWAYS MANAGEMENT IN RELATION TO INLAND WATER TRANSPORTATION ACTIVITIES

Organised by :
Marine Engineering & Naval Architecture Technical Division

BEM Approved CPD / PDP: 2 Ref No: IEM21/HQ/021/T (w)



Speaker :
Ir. Prof. Dr. Ab Saman bin Abd Kader

Registration Fee (effective from 1st August 2020)

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17 FEBRUARY 2021 (WEDNESDAY)
3PM – 5PM

SYNOPSIS

Rivers and lakes exist naturally due to geographical terrain while the canals were constructed by human. Sustainable management of water resources is a must, as water scarcity is becoming development constraint impeding the economic growth of many countries in the region. There are a number of elements within the marine and freshwater aquatic environments in which the effects of transportation activities may be felt. These effects and elements are not always present of universal concern. One needs to determine on a site, time and specific use whether the inland watercraft or the occupants are causing a problem. Direct effects of the inland watercraft and how they are operated are addressed. Often the presence of a large moving object or the activities of the people and the craft are the source of effects. This paper discusses the physical effects of inland watercraft propulsion systems and waves generated on the sediments and banks on aquatic habitats in inland waterways system.

SPEAKER'S PROFILE

- The speaker is a Professor in Marine Transport System at the Faculty of Mechanical Engineering, Universiti Teknologi Malaysia (UTM), 81300 Skudai, Johor. He possess 3rd Class Marine Engineers on top of B.Eng, Masters and PhD in various marine related areas.
- He used to sail on board a ship for a year on internship program and later joining UTM as an academic staff since 1983 until now. He has taught a number of undergraduate courses in the Marine Technology program at UTM and the 'Marine Safety and Environment' and 'Maritime Law' at the post graduate level.
- Apart from engaging students in teaching and learning, he has laso been involved in a number of marine related R&D, consultancies, short courses, audits as well as being in various management positions at UTM. Previously he was a Director of Marine Technology Centre of UTM.