



Save our planet: Technical Talk & Mangrove Planting

Synopsis

Mangrove planting is a critical component for ensuring coastal protection and maintaining ecosystem balance. This insightful talk will delve into the significant role mangroves play in safeguarding our coastlines from erosion and storm surges by acting as natural wave breakers. Additionally, we will explore the ecological benefits of mangroves, such as providing habitat for diverse marine life and enhancing water quality through their natural filtration systems.

The presentation will highlight the challenges faced in mangrove conservation, including climate change, deforestation, and pollution. Dr. Muhamad Faizal will also discuss innovative solutions and sustainable practices for mangrove restoration and management, emphasizing the importance of community involvement and education in these efforts.

By attending this talk, participants will gain a deeper understanding of the multifaceted benefits of mangroves and the urgent need for their conservation to ensure a balanced and resilient coastal ecosystem.



The Institution of Engineers, Malaysia
(Penang Branch)



9 Nov 2024 (Sat)



8.30am – 1.00pm



Penang Inshore Fisherman Welfare
Association Sungai Acheh
14310 Nibong Tebal
Seberang Perai Selatan
Pulau Pinang

BEM CPD Hours: 2

Ref: IEM24/PG/444/T



IEM Member : RM 30
Non-IEM Member: RM 60

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About the Speaker



Speaker:

Ts. Dr. Muhamad Faizal Bin Pakir Mohamed Latiff

Dr. Muhamad Faizal is a renowned expert in hydraulic and environmental engineering, known for his significant contributions in hydrology, water quality, and water quantity management. As the Head of the School and Programme Coordinator for the Bachelor of Civil Engineering at UiTM Pulau Pinang, he has been instrumental in shaping the curriculum and mentoring future engineers.

Dr. Faizal holds a B.Eng (Hons) in Civil Engineering, an MSc in Environmental Engineering, and a PhD in Water and Wastewater Treatment. His research focuses on sustainable engineering practices, including hydraulic systems, hydrology, and environmental management, with an emphasis on mangroves' role in coastal protection.

His work is published in prestigious journals, and he is a sought-after speaker at international conferences. As the Secretary for Persatuan Penyelidikan Air Malaysia, he advances water research and environmental sustainability. Dr. Faizal's dedication to solving complex environmental challenges has earned him recognition within the engineering community.

Time	Details
8.30am - 9.00am	Registration & Refreshment
9.00am - 10.40am	Talk on The Role of Mangroves in Coastal Protection and Ecosystem Balance - by Dr. Muhamad Faizal
10.20am - 10.50am	Safety Briefing
10.50am - 1.00pm	Planting Mangrove & Self Cleaning
1.00pm	End



Moderator/Coordinator:
Ir Ong Pang Wei

Contact No:
012-422 1928

Note:

100 plants will be provided during the event.

Members are welcome to purchase additional plants at the venue.