

WEBINAR TALK ON

Emerging Technology for Combating Biofouling: What Project Manager Should Know?

ORGANISED BY:
PROJECT MANAGEMENT TECHNICAL DIVISION, IEM

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SPEAKER:

DR NUR ZULAIKHA YUSOF



26 JUNE 2023, MONDAY



3.00PM - 5.00PM

REGISTRATION FEE :

IEM STUDENT : FOC

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SYNOPSIS

Marine fouling on ship hulls has been a struggle for ages. Today's shipping industry is constantly figuring out new solutions to prevent biofouling from emerging on ship hulls. The environmental impact of biofouling can have devastating outcomes such as transferring invasive aquatic species and also higher CO₂ emissions due to increased fuel consumption. There are a few management options to overcome these problems ranging from taking no action to the hauling out. Choosing an appropriate option is important to solve the problems in a cost-effective manner. In order to do so, a better understanding on the issue is very crucial. Therefore, from this talk, project manager will understand the basic principles of biofouling, the available treatment methods, hence able to choose the best management option to combat biofouling problems in an environmental friendly way at minimum cost incurred.

SPEAKER'S PROFILE

Dr Nur Zulaikha Yusof graduated in Bachelor Degree of Science (Industrial Chemistry) in year 2008 and received her Master of Science (Chemistry) in year 2010 from Universiti Teknologi Malaysia. She also obtained PhD in Civil Engineering (Environmental Engineering) from UTM in 2015.

Dr Nur Zulaikha Yusof is currently a senior researcher at the Maritime Institute of Malaysia (MIMA). She is actively undertaking research on natural colourants, development of environmentally friendly biofouling material and waste material utilisation. Previously, she was the senior lecturer at Universiti Teknologi PETRONAS (UTP). She received the Yayasan UTP fund for biofouling material development and she was the custodian for UTP-Boustead Naval Shipyard collaboration for the same project. Having 4 years research experience with academic qualification majoring in chemistry field, she has a strong fundamental knowledge on this topic.