

TECHNICAL TALK ON ASTM STANDARD FOR GEOSYNTHETIC CEMENTITIOUS COMPOSITE MAT (GCCM)



COURSE SYNOPSIS :

- Geosynthetic Cementitious Composite Mats (GCCM) is a revolutionary new class of construction materials for various civil engineering applications. It has gained popularity worldwide including Malaysia. Many slope erosion control projects are using GCCM as one of the quick and easy solutions.
- Seeing the fast-growing use GCCM, there is a need to have a proper standard specification to help engineers understand its properties and behaviours. For example, there is no direct compression strength test on GCCM. Taking direct concrete cube test without considering water-cement ratio will lead to mis-interpreting of GCCM properties. Fortunately, ASTM committee have published six ASTM standards for various tests. This talk will cover in-depth understanding of these ASTM Standards as well as quick introduction and application of GCCM.

DATE: 21 JAN 2022 (FRIDAY)

TIME: 9.00AM - 12.30PM

CPD: 3 POINTS

MODE: ONLINE

**PLATFORM:
ZOOM**

**CPD HOUR: 3
IEM21/SWAK/506/T(W)**

SPEAKER PROFILE



MICHAEL CHONG IS CURRENTLY WORKING IN CONCRETE CANVAS LTD, UK AS BUSINESS DEVELOPMENT MANAGER FOR FAR EAST ASIA. HE GRADUATED FROM UNIVERSITY SCIENCE OF MALAYSIA (USM) IN 1998 WITH BACHELOR DEGREE IN CIVIL ENGINEERING. HE HAS 18 YEARS OF WORKING EXPERIENCE IN GEOSYNTHETICS INDUSTRY WITH 13 YEARS IN TENCATE GEOSYNTHETIC ASIA AND 2 YEARS IN SAINT GOBAIN - ADFORS MALAYSIA.

IN HIS WORKING CAREER, MICHAEL OFTEN GIVE TECHNICAL TALKS TO VARIOUS ORGANIZATIONS, PROFESSIONAL INSTITUTES AND PUBLIC WORK DEPARTMENTS BOTH IN MALAYSIA AND OVERSEA TO PROMOTE USE OF GEOSYNTHETICS TO SOLVE COMMON CIVIL ENGINEERING PROBLEMS. MICHAEL IS A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL OF CPESC, INC USA AND GRADUATE MEMBER OF THE INSTITUTION OF ENGINEERS MALAYSIA (IEM) AND MEMBER OF MALAYSIA STORMWATER ORGANIZATION.

PROGRAMME

**9.00AM-9.15AM
REGISTRATION AND INTRODUCTION**

**9.30AM-10.00AM GEOSYNTHETIC
CEMENTITIOUS COMPOSITE MATS
(GCCM)**

**10.00AM-10.30AM
TECHNICAL PROPERTIES OF GCCM**

**10.30PM-11.15AM
FLEXURAL & COMPRESSION STRENGTH
UNDER ASTM STANDARD**

**11.15AM-11.45AM
ASTM SPECIFICATION TABLE FOR
GCCM**

**11.45AM-12.30PM
Q & A**

FEES

IEM MEMBER : RM40

IEM NON MEMBER : RM80

MEETING LINK WILL BE SENT TO THE PARTICIPANTS VIA EMAIL ONCE REGISTRATION AND PAYMENT HAVE BEEN CONFIRMED

ALL REGISTRATION FEES MUST BE FULLY PAID BEFORE COMMENCEMENT OF THIS TALK. GOVERNMENT AGENCIES AND STATUTORY BODIES ARE REQUIRED TO PROVIDE LOCAL ORDERS. IEM SARAWAK BRANCH RESERVES TO REFUSE ENTRY FOR PARTICIPANT(S) WHO HAVE NOT PAID THEIR REGISTRATION FEES TO ATTEND THIS TALK. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.

REGISTRATION LINK

**KINDLY REGISTER BY COMPLETING THE FORM IN THE LINK BELOW;
CLICK HERE TO REGISTER**



SCAN ME