

Talk on “Essential of Earthworks Design”

Organised by Information and Communications Technology Special Interest Group (ICTSIG), IEM

BEM Approved CPD/PDP Hours: 2.0 Ref. No: IEM19/HQ/405/T

Date: 12 September 2019, Thursday
Time: 5.30 pm – 7.30 pm
Venue: Auditorium Tan Sri Prof. Chin Fung Kee,
3rd Floor, Wisma IEM, Petaling Jaya
Speaker: Ir. Chee Shai Choon

SYNOPSIS

Earthworks is an essential task to be carried out in any project development. It may involve of importing material from other site to form necessary platform, road or exporting extra material from site after formation of platform, road etc.

Importing material from other site is called fill volume and exporting material from project site is called cut volume. Importing suitable land and materials can be expensive because contractor needs to source the import materials. Suitable materials may at far away from project site and increase the transportation cost. Disposing extra material can be expensive by searching for suitable location for dumping.



Therefore, designer has to make an accurate measurement as possible of any areas and volumes involved. As for example, a project such as construction of a new highway, where large amounts of material have to be excavated and moved around the site, careful planning of this movement is essential since charges may be levied not only on the volumes involved but also on the distances over which they are moved. This talk is an introduction of earthworks in design perspective.

BIODATA OF SPEAKER



Chee Shai Choon holds a BEng (Hons) with CPESC certified professional. He has more than 25 years of engineering experience in infrastructure engineering and technology. Ir Chee Shai Choon leads a group of software developers in C&S Software Solutions Sdn Bhd which incorporated in year 2006. It is an infrastructure software developer company. His most preferable software ZeonEarth-3D earthworks; which he has successfully developed into the concept of simplicity. Simplicity has made a difference. Besides, he has developed first in country a digital MSMA-“Core MSMA Suite”. He serves on the ICT SIG at IEM. His official website www.civilstructural.com.my

Ir. Yasser Asrul Ahmad
Chairman,
Information and Communications Technology Special Interest Group, IEM

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

IEM Members

- Registration Fee : FOC
- Administrative Fee :
 Online :RM 15
 Walk In :RM 20

Non-Members

- **Registration Fee** :RM 50
- **Administrative Fee** :RM 20
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data

CPD HOURS CONFIRMATION

Name:
Membership No:
Signature: