

WEBINAR TALK

“Advanced Digital Sub-Surface Ground Modelling – The Future Of Infrastructure Designing And Planning”

Thursday | 12 November 2020 | 10.30 a.m. – 12.30 p.m.

SYNOPSIS

Presenting a breakthrough in Geophysical 4D, Sub-surface Ground modelling that provides detailed stratigraphic; inter-layer as well as intra-layer variations in a single quick acquisition phase.

Coupled with an Integrated Digital Ground Modelling Software that combines digital 4D Structural Geological models and environmental settings, on land and marine environments, Our digital models provide Owners and Governments with an unprecedented understanding of their most important assets with the ability to rapidly assess, simulate and prototype multiple construction scenarios and provide greater certainty on Construction strategies, Time to Construct and Cost of Construction (**Cheaper, Faster and Better**).

With the above, we take ground modelling and assessment as well as infrastructure planning and elevate it to a whole new level where the infrastructure models can not only be planned with **full certainty**, but at an overall project cost that would be significantly less than the traditional geotechnical only (or even conventional geophysical) ground modelling practices.

SPEAKER

Mr. Vijay Khandhar graduated from Universiti Sains Malaysia (USM), Pulau Pinang in Geophysics in 1995. and an M.Sc in Physics (USM), in 2000.

He has since then, worked primarily for Multi-National, Offshore Geophysical Companies as a Geophysicist and quickly moved up to Project and Senior Management, managing survey and construction related projects worth over USD2 Billion for all the major oil & gas companies with consistent gross profit margins significantly higher (up to 35%) than his contemporaries and has even won multi-million dollar international projects with relative new industry players, out-bidding old and established experts.

Mr. Vijay Khandhar has had a successful career spanning over 25 years with working knowledge in over 39 countries.



During the webinar session, Mr. Vijay Khandhar would share his knowledge on:

- **Getting a detailed Geological Structural sub-surface model that is truly useful for, and fit for specific engineering purpose**
- **Understanding the weaknesses and shortfalls in traditional sub-surface modelling techniques (prevailant current practices), particularly when starting with a Geotechnical Dataacquisition campaign first; with case studies**
- **Creating the **New Normal** for a digital age construction industry in which, data acquisition, construction & design planning is done digitally, where the acquisition data can be easily integrated into any existing or emerging CAD, BIM or Reality Based Digital Twin Software**

Registration Fees (effective 1st August 2020)

IEM Members : RM 15.00 | IEM Non Members : RM 50.00

CPD Hours : 2.0 CPD Ref No : IEM20/HQ/253/T(w)

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