

WEBINAR TALK ON INTRODUCTION ON GPR FOR STRUCTURAL APPLICATION (DIGITAL PLATFORM)

Thursday

30th November 2023

3.00pm- 5.00pm

BEM CPD Approved Hours : 2

CPD Ref Num : IEM23/HQ/146/T



Dr. Muhd Norhasri Muhd. Sidek
Speaker

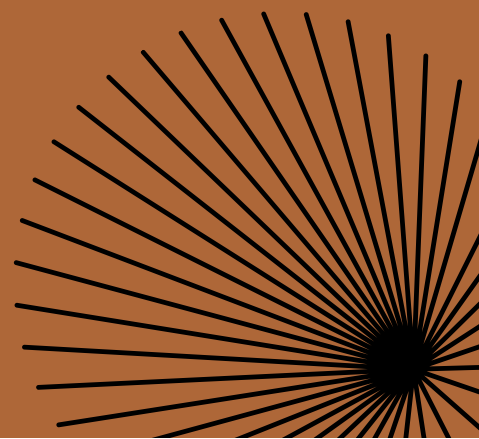
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REGISTRATION FEES

IEM STUDENT MEMBER : FREE

IEM MEMBER : RM 15

NON IEM MEMBER : RM 70



SYNOPSIS

Forensic engineering for structures and infrastructures is the application of engineering principles and techniques to investigate and analyze failures or damages. The purpose of forensic engineering is to determine the cause of the failure or damage and provide recommendations to prevent similar incidents in the future. One of the application techniques is by applying non-destructive testing (NDT) during the inspection or monitoring. One of the approaches in NDT testing is the utilization of impulse radar for determining the problems in the structures and infrastructures. More information such as abnormalities, identifying reinforcement details and others are the data that can be exploited using these techniques. The fast, reliable, and accurate analysis provides more options for remedial solutions to the building's integrity checking.

SPEAKER PROFILE

Dr. Muhd Norhasri Muhd Sidek is a Principal Researcher and Senior Lecturer of the Institute for Infrastructure Engineering and Sustainable Management (IIESM) and School of Civil Engineering, Universiti Teknologi MARA (UiTM) Malaysia. Dr Muhd Norhasri obtained his Diploma in Civil Engineering from Institute Technology MARA (ITM), Bachelor of Science in Civil Engineering (UiTM), Master of Science of Civil Engineering (USM) and Doctor of Philosophy in Civil Engineering (UiTM). He started his career in Civil Engineering back in 2001 as Site Engineer at Tabung Haji Technologies (THT) and later on been offered to pursue his career as a lecturer at Faculty of Civil Engineering UiTM from 2002 until present. His research interest are concrete, sustainable materials, Nano materials, Ultra High Performance Concrete (UHPC) and non destructive test (NDT) for building materials. Currently, he is a registered Professional Technologist (Ts) from Malaysian Board of Technology (MBOT), an active reviewer for Construction and Building Materials, Elsevier since 2016 until present. Dr. Norhasri is also Deputy President for Concrete Society Malaysia (CSM) and Chairperson for Sirim Eco label : Concrete Products 2021. At present, he is a consultant for Nattest Laboratory and NL Scientific which collaborates construction and material testing.

