

WORKSHOP SCHEDULE

Tuesday, 29 September 2015

08:00 - 09:00 am	Registration
09:00 - 09:15 am	Welcome Speech By Workshop Chairman
09:15 - 09:30 am	Workshop Opening & Speech by PEJUTA Chairman
09:30 - 09:45 am	Photography Session
09:45 - 10:00 am	Refreshment
10:00 - 10:30 am	Module 1: Underground Utility Survey towards Cities' Sustainability Development through Proper Guideline By: Local Government Department (JKT)
10:30 - 11:00 am	Module 2: Urgency of Underground Utility Survey for Town & Country Planning By: Town and Country Planning Department (JPBD)
11:00 - 11:30 am	Module 3: National Underground Utility Database (PADU) By: Department of Survey and Mapping Malaysia (JUPEM)
11:30 - 12:00 pm	Module 4: Underground Utility Installation Safety and Operation Framework By: Public Works Department (JKR)
12:00 - 02:00 pm	Lunch
02:00 - 02:30 pm	Module 5: Gas Pipeline Safety Regulation for Ensuring Public and Environmental Safety By: Gas Malaysia Berhad (Gas Malaysia)
02:30 - 03:00 pm	Module 6: Electricity Supply Line Protection Regulation for Ensuring Safe Installation of Power Cables By: Tenaga Nasional Berhad (TNB)
03:20 - 03:30 pm	Refreshment
03:30 - 04:00 pm	Module 7: Land Surveyor's Experience and Challenges in Underground Utility Survey By: Association of Authorised Land Surveyors Malaysia (PEJUTA)
04:00 - 04:50 pm	Module 8: Transforming Knowledge into Sustainable Practises By: Geoscience & Digital Earth Centre (INSTeG)
04:50 - 05:00 pm	Q & A and Discussion Session

Wednesday, 30 September 2015

08:30 - 09:00 am	Breakfast
09:00 - 01:00 pm	Practical and Hands-on Session: Electromagnetic Locator (EML), Ground Penetrating Radar (GPR) & Orientation Measurement Unit (OMU)
01:00 - 02:30 pm	Lunch
02:30 - 04:30 pm	Data Processing and Analysis
04:30 - 04:45 pm	Refreshment
04:45 - 05:00 pm	Closing Speech by Director of INSTeG & Certificate Presentation

UMW 2015

PARTICIPANTS

Who should attend this workshop:

- Land Surveyors
- Local Authorities
- Utility Owners
- City Hall
- Port Authorities
- Urban Planners
- Policy Makers
- Contractors
- Engineers
- Geophysicists
- Researchers

ACCOMMODATION

In-house Accommodation:

Scholar's Inn UTM KL
Phone: +603 2180 6000; Fax: +603 2180 6001

Nearest Accommodation:

Hotel Putra Kuala Lumpur
Phone: +603 2688 1888

D-Villa Residence Hotel
Phone: +603 2162 2922; Fax: +603 2162 2937

Le Apple Boutique Hotel
Phone: +603 2141 5604; Fax: +603 2143 8829

FOR INQUIRIES

Geoscience and Digital Earth Centre (INSTeG)

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UMW 2015

UTILITY MAPPING WORKSHOP 2015: CHALLENGES & SOLUTIONS (UMW 2015)

DATE:

29 - 30 September 2015

VENUE:

Universiti Teknologi Malaysia
Kuala Lumpur Campus
Malaysia

Organized by:



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



INSTeG
Geoscience and Digital Earth Centre

In collaboration with:



USM
UNIVERSITI SAINS MALAYSIA



INTRODUCTION

Having accurate knowledge of subsurface/ underground/ buried utilities (pipes/ cables/ drains etc.) is critical for any infrastructure project. The successful detection and mapping of buried utilities involves the combination of several techniques, the results of which are synthesized down to a single interpreted plot. The techniques and methodologies used will primarily depend upon the required outcomes for the survey, site conditions and the types of pipes or cables being targeted. Utility Mapping Workshop 2015: Challenges and Solutions (UMW) is an upcoming workshop dealing with procedures and standards for detection and mapping of underground utility pipelines, a collaboration between Geoscience and Digital Earth Centre (INSTeG), University Teknologi Malaysia, Universiti Sains Malaysia (USM), Local Government Department (JKT) and RDG Supply Sdn. Bhd. The workshop comprehensively covers all the aspects related to conducting a successful underground utility detection and mapping project.

HIGHLIGHTS

Benefits for joining this workshop are:

- * 4 CPD Points approved by the Land Surveyors Board Malaysia (LJ).
- * Live-demo on OMU pipeline mapping to obtain accurate GPS coordinates for HDD installed pipeline.
- * Total solutions for acquiring utility as-built information.
- * Hands-on field experience on latest technologies for utility mapping .
- * Case study experience.
- * Understand the tricks and pitfalls of data interpretation.
- * Conducted by professional speakers who have years of experience in underground utility mapping.

OBJECTIVES

This workshop is held with the following special objectives:

- 1) To provide participants with a better knowledge on the state-of-the-art of underground utility mapping;
- 2) To provide a "hands-on" training on using the right approaches and technologies for acquiring as-built information of the buried utilities;
- 3) To promote awareness on the importance of using appropriate skills and safety operation guidelines to be undertaken for acquiring as-built information of the buried utilities; and
- 4) To encourage 3R (Right Approach, Right Technology, Right Result) in utility mapping.



ENROLL NOW! Fee: RM1650.00*

including GST, lecture materials, t-shirt, fieldwork, lunch and refreshment (excluding accommodation and transportation).

* **Group registration is eligible for special discount.**

All payment should be made payable to:
"BENDAHARI UNIVERSITI TEKNOLOGI MALAYSIA",
Account No. : 8006 0535 36 (CIMB Bank Berhad).

Registration Closing Date: 21 August 2015
SEATS ARE LIMITED!

On receipt of your form and full payment, we will send you confirmation of registration.

NAME: _____
IC/PASSPORT NO.: _____
CONTACT NO.: _____
DESIGNATION: _____
ORGANIZATION: _____
ADDRESS: _____

E-MAIL: _____
PAYMENT MODE: CASH/CHEQUE /LO TOTAL: RM _____
FOOD ALLERGIES: YES/NO (IF YES PLEASE STATE: _____)
T-SHIRT SIZE: M/ L/ XL

Online Registration:
<https://www.surveymonkey.com/s/22QTFST>

Please send the completed form with proof of payment to:

Geoscience and Digital Earth Centre (INSTeG)
Research Institute for Sustainable Environment (RISE)
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