

Webinar: Talk on Work Smarter not Harder with Drone & 3Dsurvey

Date : Friday, 9th July 2021
Time : 3.00 p.m. – 5.00 p.m. (Registration start at 2.30 p.m)
Venue : ZOOM Application
Speaker : Mr. Vid Peterman, Modri planet

Synopsis

We are living in a new norm where physically to be present in a work site can be a challenge due to all kind of restrictions since the pandemic. Data captured from UAV's has been in the industry for a while now, but a key part of any new technology is how to use it effectively that will benefit all the key stakeholders. In this webinar, the topics include below:

1. Topographic mapping. Using UAVs for this purpose dramatically reduces field time, increases details of the terrain captured, while maintaining a survey accuracy. Most organizations have existing standards for these projects established in their preferred CAD platform. We will be presenting you a Field to Finish approach with data processed in 3DSurvey presented in a popular CAD software.
2. Accurate stockpile volume calculations. As you might already know, traditional methods of volume calculations are walking wheel, truckload and bucket count method or the eyeballing method. Unfortunately, all these methods have some common drawbacks and challenges, including inaccurate results, are time consuming (sometimes it takes days), a lot of time dangerous due to inaccessible areas and usually need several workers to achieve the task. Here, we will explore an actual site sample, how easy, fast, safe and reliable you and your teams can perform volumetric calculations, by using drones, together with photogrammetry software which can lower your cost, increase your profit and effectiveness. We will also compare multiple measurements, visualize in realistic 3D detail, and detect changes on the fly or over time and most importantly how to define volume calculation area based on CAD layer.
3. The x-ray function – to extract building corners fast and precise.

In this part, we will show you how to map building corners without physically measuring wall and corner points on the building itself. Let's examine how to make a survey map from drone data.

This is a call to industries like Construction, Mining, Agriculture, Utility and professionals like Engineers, Architects, QS, Contractors who is keen to complete their projects in a reliable, easy, fast, safe manner, and of cause realizing bottom-line ROI with the right tools.

About the Speaker:

Mr. Vid Peterman obtained his Masters in Geodesy Land surveying and Geoinformation from University of Ljubljana, Slovenia in 2011. He had joined 3DSurvey team when starting his career as a Surveyor and gained 4 years' experience in traditional land surveying. He had dedicated himself to research and development in photogrammetry with more than 10 years' experience in Aerial Photogrammetry and completed more than 300 Drone Photogrammetry Projects. Currently, he is a Chief Technical Director for Modri planet.

Participant Fees:

	Online
IEM Member	RM 30.00
IEM Student Member	RM 10.00
Non-Member	RM 60.00

Closing Date: 7th July 2021

The webinar is strictly limited to **90 participants** only. Registration will be on a first-come-first-serve basis. Kindly return the reply slip to the IEM (SB) office before **7th July 2021** together with a non-refundable cheque for the participant fees made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the participant fees into the Institution's Maybank Current Account (No. 5-013920-15708), and to facsimile both the Bank-in and Reply Slips to the Institution. The Institution requests all members co-operation in ensuring fees are paid in advance to the seminar. Please also be reminded that fees will not be refunded to absent participants who have paid, and to also note that all reservations must be paid despite participant cancellations. Thank you for your continuous support of the Institution.

Chairman, Sub-Committee on Seminar and Technical Talk, IEM (SB)

REPLY SLIP

To: Hon. Secretary, The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 – 3363406**

Webinar: Talk on Work Smarter not Harder with Drone & 3Dsurvey

Friday, 9 July 2021, 3.00 p.m. – 5.00 p.m.

Via ZOOM Application

Details of Online Login ID will be provided after registration

I wish to attend the above talk. I enclosed herewith a cheque no..... for the amount of RM..... as payment for the participant fee.

Name: Membership No: I/C No:

Tel (O): Tel (H/P): E-mail:

(COMPULSORY)

Company's Name:

Signature: Date:

- Note:**
- Kindly email to iemsouthern@gmail.com the Reply Slip together with the payment slip for confirmation.
 - Attendance by representative will not be issued with the Certificate of Attendance.
 - Participants are to login with FULL NAME as verification of Attendance for the whole duration of the event.

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