

REGISTRATION

I wish to attend the “Workshop on Drone Technology” from 26 - 27 June 2018.

Name:

I/C No:

Date of Birth:

IQM Membership No (if any):

Co's Name:

Address:

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Position Held:

Telephone: Fax:

Email:

Enclosed is Cheque / Bank Draft / Money Order

No..... for RM..... payable to

“Institute of Quarrying Malaysia Bhd”.

A/C No: 014187 208342 Maybank

(kindly email bank transaction advise)

PLEASE FORWARD PAYMENT TO:

INSTITUTE OF QUARRYING MALAYSIA BHD

No. 23, Jalan Utama 1/7,

Taman Perindustrian Puchong Utama (Puchong Perdana),

Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.

Tel: 03-8062 4194/5 Fax: 03-8061 8258

Email: admin@iqm.com.my Website: www.iqm.com.my

Date: Signature & Chop

(Please photocopy the Registration Form if required)

GENERAL INFORMATION

A. Registration Fee

Member : RM 800.00

Non-Member : RM 900.00

Government Officers : RM 800.00

(HRDF CLAIMABLE)

This is inclusive of course materials, morning and afternoon tea, lunch and transport for site visit.

B. Course Size

Participation is limited to not more than 30 persons and will be based on first-come first-served basis.

C. Accommodation

You may arrange your accommodation with the following hotels:

1) Sri Puchong Hotel 03-80623373

2) Green Hotel 03-80686666

3) Four Points By Sheraton Puchong 03-58918888

D. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by phone or facsimile. No refund shall be made for cancellation after the closing date of the course. A substitute is accepted.

F. Closing Date

The closing date for registration is 19 June 2018.

For further information contact:

Mdm Nirmala Devi

Tel: 03-8062 4194/5 Fax: 03-8061 8258

Email: nirmala@iqm.com.my Website: www.iqm.com.my

NOTE: Cheque enclosed with the Registration Form does not necessarily mean that you have been automatically accepted until official confirmation by the Institute of Quarrying Malaysia Bhd.



Workshop on DRONE TECHNOLOGY

2018



26 – 27 June 2018

Organised By



to be held at:

INSTITUTE OF QUARRYING MALAYSIA BHD
23, Jalan Utama 1/7, Timn Perindustrian Puchong Utama
(Puchong Perdana), Section 1, 47100 Puchong, Selangor D.E.

INTERNATIONAL AFFILIATIONS:



INTRODUCTION

The course on drone technology comprises 7 modules which will provide a sound practical foundation for quarry owners,



operators and personnel to understand the methodology for mapping quarry using drone and subsequently perform land survey and volume calculation. The course will be delivered by 4 persons who have experience using drone for various mapping applications and mapping quarry that involved stockpile volume calculation. Tractors Malaysia will also brief their survey services using drone and cloud technology.

MODULE DESCRIPTION

- 1) **Introduction to drone**
- 2) **Regulation on using drone for mapping by Bahagian Geospacial Pertahanan (BGSP) of Department of Surveying & Mapping Malaysia (JUPEM)**
- 3) **Regulation on using drone by Civil Aviation Authority Malaysia (CAAM)**
- 4) **Data acquisition using drone**
- 5) **Data processing**
- 6) **Stockpile volume calculation**
- 7) **Aerial survey by Tractors Malaysia**

SPEAKERS

Speaker 1

ASSOCIATE PROFESSOR SR. DR. ANUAR AHMAD

Associate Professor Sr. Dr. Anuar Ahmad is currently a senior lecturer at Department of Geoinformation, Faculty of Geoinformation & Real Estate, Universiti Teknologi Malaysia (UTM), Malaysia. He obtained his B Sc (Hons) Surveying Science and MPhil (Photogrammetry) degrees from Department. of Surveying, Newcastle University, Newcastle Upon Tyne, England in 1987 and 1992 respectively and PhD degree from Universiti Teknologi Malaysia (UTM), Malaysia in 2005. His major research includes geoinformation field such as aerial photogrammetry, close range photogrammetry, geomatic engineering, GIS, remote sensing and UAV applications. He has published over 200 articles in conference proceedings and journals. He has experience using drone technology for research and real project of mapping. Apart from that he has been appointed as invited speaker for drone courses at Institut Ukur & Tanah Negara (INSTUN). Also he has conducted workshops on drone or UAV.

Speaker 2

MR. SR. MOHD JURAIIDI AHMAD

Mr Mohd Juraidy Ahmad graduated from Universiti Teknologi Malaysia (UTM), Malaysia with BSc (Geomatic Engineering). After graduation he work with land surveying company and construction company locally and abroad. After some years of experience working as land surveyor, he decided to set up land surveying company known as Prestige Geomatics Sdn Bhd. His current interest is using drone technology for mapping applications. He has successfully completed few projects on mapping using drone technology. Also currently he is pursuing his study for master degree in the field of drone technology for mapping applications.

Speaker 3

MR. MALICKHABIB RAHMAN

Mr Malick Habib Rahman is a quarry surveyor and working with a quarry company in Malaysia for many years. He has many years of experience working in the quarry. He has been using conventional land surveying instruments to produce map of quarry and stockpile volume calculation which is time consuming. After the introduction of drone technology, the final output such as map, orthophoto, digital elevation model and contour line can be obtained much shorter time and the output is accurate. He will provide hands on of stockpile volume calculation to participants in this module.

Speaker 4

MR NICHOLAS THIZY

(Caterpillar Drone Services Manager, Geneva, Switzerland)

Nicolas has been with Caterpillar for 11 years and is the key personnel responsible for marketing and deployment of Drone Services for Cat dealers worldwide. Prior to this, Nico was an application engineer in the Quarry and Aggregate industry in the EAME region. Nico is passionate about Drones and UAV and was instrumental in working with the then Redbird and the French Cat dealer Bergerat Monnoyeur in making available a Drone Analytics platform. Since coming on to the Drone Services job, Nico has been travelling around the world preparing Caterpillar dealers for the deployment of Drone Services within the dealer territory and speaking to customer about the benefits of using an Enterprise Drone Analytics platform. Nico's experience in the Quarry and Mining business provided key inputs in the development of the Airware platform as we know it today.