



The Institution of Engineers, Malaysia

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TALK ON

Introduction to LiDAR and its Engineering and Other Applications

(Jointly Organized by Graduate & Student Section, IEM & Malaysian Remote Sensing Society)

Date :	25th March 2008
Time :	6.30 pm to 8.00 pm
Venue :	ISM Conference Hall, 2nd Floor, Bangunan Ingenieur, Lot 60 & 62, Jalan 52/4, 46200 Petaling Jaya.
Speaker:	Ms Trudy R Ganendra Dato' Nik Nasruddin Mahmood

**BEM APPROVED
PDP HOURS:
REF: IEM06/HQ/??/?/T**

Synopsis of Talk

Accurate ground information is essential for most engineering, environmental, natural resources and infrastructural development works. While land survey has been and continues to be the most common method of finding this information, the last few decades have seen a flowering of alternatives and indeed a whole new industry called remote sensing. There are many different types of remote sensing techniques, including aerial photogrammetry, satellite imagery, etc. For this talk, one of the newest and highly usable remote sensing techniques, LiDAR, and its engineering and other applications will be covered. LiDAR has been in use in Malaysia since 1989 and its users have seen many cost, accuracy and speed benefits. The principals of LiDAR and how it can be used effectively by all the professionals will be described during this talk.

Biodata Of Speaker

Trudy R Ganendra of Ground Data Solutions Sdn Bhd (GDS), a Malaysian-owned high-tech LiDAR survey and mapping service provider, has Masters of Engineering from University of Cambridge and Masters of Science from Imperial College in Environmental Engineering. GDS has been providing accurate and cost efficient maps and mapping products to a broad range of clients since 1991 and has been widely used by developers, planners and designers throughout South East Asia.

Dato' Nik Nasruddin Mahmood, Executive Chairman of Ground Data Solutions Sdn Bhd and was formerly attached to Malaysian Center of Remote Sensing (MACRES) as Director General. He holds M.Sc. (Remote Sensing) from International Institute for Aerospace Surveys and Earth Sciences (The Netherlands) and B. Sc. (Geophysics) from University Malaya.

Engr. Yau Chau Fong
Chairman
Graduate & Student Section, IEM

Dato' Nik Nasruddin Mahmood
President
Malaysian Remote Sensing Society

Announcement to note:

1. Limited seats available on a "first come first served" basis.
2. No telephone and/or fax reservation will be entertained.
3. Latecomers will not be allowed entrance, if the lecture hall is full.
4. Please bring along this flyer for confirmation of attendance (CPD purpose).

For IEM members, membership cards should be presented for identification purpose. Those members who fail to show their membership card will be charged a fee of RM20.00.

FUNDS FOR IEM BUILDING

Members are required to contribute RM10.00 per entry per talk as of 1st August 2007. This contribution will be towards the Institution's Building Fund. All contributions will be deeply appreciated by IEM. Only Student members are exempted.

CPD HOURS CONFIRMATION

Name of Member:

M' ship No:

Signature:

Date :