



The Institution of Engineers, Malaysia

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TALK ON

CONCRETE CONSTRUCTION PRACTICE; A TIME FOR CHANGE

Organised by the Civil & Structural Engineering Technical Division, IEM

BEM Approved CPD/PDP : 2 CPD Hours Ref. No. : IEM14/HQ/386/T

Date : 2 December 2014 (Tuesday)

Time : 5.30 pm – 7.30 pm (Refreshments will be served at 5.00 pm)

Venue : C&S Lecture Room, 2nd Floor, Wisma IEM

Speaker : Mr. Geoffrey Paul AYTON

SYNOPSIS

The key performance indicators for an engineering project manager typically involve measures such as time, cost, safety, and quality. A review of the international construction literature could give the impression that time and cost are the only relevant factors and that quality is either taken for granted or can be ignored.

At the same time, however, an increasing focus is being given in many countries to the increasing rate of deterioration of our major infrastructure assets, which suggests that quality standards have not been as good as we might have thought. In an article published during the 1990s in the journal of the Institution of Engineers Australia, Peter Miller wrote that "concrete technology is an area in which engineers have dropped the level of their game..." and that "... we have allowed an old and honorable material to be brought into disrepute". On a more positive note, he then went on to say that "current knowledge ... is sufficient to ... avoid most of the faults we see" and that we only need the will to put that knowledge into practice.

Geoff Ayton's 40 years of construction experience has largely been in concrete pavements but his random observations in other areas of construction indicate significant deficiencies in our major concrete infrastructure assets. In this presentation, Geoff will use case studies to show how all engineers can apply training in basic construction practices to contribute towards a significant improvement in the performance of our major asset structures.

BIODATA OF SPEAKER



Geoffrey Paul AYTON has recently retired from full-time work after 40 years in highway engineering with the state highway authority in New South Wales, Australia. He spent his early working years supervising road and bridge operations in rural areas, but in the past 25 years he has specialised in the design and construction of concrete pavements. During that time he has contributed towards several technical publications and has presented papers at international conferences but one of his key interests has been in the field of training, and he intends to

pursue that interest further as a consultant.

Ir. Hooi Wing Chuen

Chairman

Civil & Structural Engineering Technical Division

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). (telephone and/or fax reservation will NOT be entertained)
- Non members may also attend the talk but will be charged a registration fee of **RM50** and an administrative fee of **RM10**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
IEM members who fail to produce their membership cards will be charged a fee of RM20.00.

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM10** as administrative fee for talks organized by IEM.
- The fee would be used to cover overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM.
- Students are however exempted. Your understanding is greatly appreciated.

CPD HOURS CONFIRMATION

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