CERAMAH TEKNIK TECHNICAL TALK

Mr. Rasid Jaapar (Geomapping Technology)
Date: 18th May 2017
Venue: Geology Department, University of Malaya

Sdr. Abd. Rasid Jaapar (Geomapping Technology) presented two talks on 18th May, 2017 at the Dept. of Geology, Univ. Malaya. Details and abstracts for the two talks are as follows. As usual, there was a lively discussion after the talks.

Tan Boon Kong,
Chairman, W/G on Engineering Geology and Environmental Geoogy

Paper 1: A new comprehensive rock slope protection solution (with 2 case studies from China)

Abstract: This talk will present a comprehensive rock slope protection solution where a new system from China will be introduced. The talk will touch on types of protection or netting system follow with the process on assessment and analysis of rock slope. The netting system can be divided into three categories; for slope stabilisation, as rock fall barrier and as rock fall guiding system. The assessment and analysis will cover site inspection and data gathering, slope stability assessment, rock fall analysis and lastly selection on slope protection or netting system. The selection normally controlled by site condition and rock fall behaviour. Two case studies from China will be presented. The first case study was from Weining Yanshan, Guizhou while the second case study from Lingshan Road, Beijing.

Paper 2: Embedding geohazards and engineering geological assessment in geological terrain mapping for development proposal

Abstract: The needs and the relevance of Geological Terrain Mapping (GTM) has been one of the hot topic among geologists and other technical professionals in construction industry in Malaysia. IAEG Malaysia National Group with the support from Geological Society of Malaysia and Institute of Geology Malaysia has organised a workshop among the practitioners in the field of engineering geology to discuss on way forward of Geological Terrain Mapping on 14th January 2016. This talk will present the findings from the workshop for documentation purpose and as a reference by the industry as well as for the Department of Minerals and Geoscience (JMG). It is also proposed the minimum standard table of content for GTM with the incorporation of geohazards assessment and engineering geological aspects for the use in construction industry. Consideration was also made on typical engineering geological report used worldwide. A case study from Selangor was used and presented as a test of concept to illustrate the standard Geological Terrain Mapping with the embedment of geohazards and engineering geological assessment.

Warta Geologi (Newsletter of the Geological Society of Malaysia), Vol. 43, No. 2, April-June 2017