

# CERAMAH TEKNIK TECHNICAL TALK

## Rainfall induced landslides in Malaysia

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The above talk was delivered by Dato' Ir. Dr. Mohd Asbi Othman (Mohd Asbi & Associates) on 29<sup>th</sup> August, 2022, via Zoom/Facebook Live. Some 40 members participated. An abstract of the talk is given below:

**Abstract:** The majority of landslides in Malaysia and other tropical and sub-tropical countries are rainfall induced. These can be in the form of shallow and deep-seated slides, debris and mud flows, debris avalanches and rockfall depending on the topographical and hydrogeological conditions. It is useful to be able to correlate rainfall and landslide events in order to determine threshold levels for the formulation of effective warning systems. This presentation discusses some landmark landslides in Malaysia and their associated antecedent rainfall events. Other recent widespread landslides are also studied in terms of their susceptibility to rainfall.

Threshold levels which have been successfully used for early warning system in Malaysia are also discussed.

We thank Dato' Dr. Asbi for his support and contribution to the Society's activities.

Tan Boon Kong

Chairman, Working Group on Engineering Geology

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