

# CERAMAH TEKNIK TECHNICAL TALK

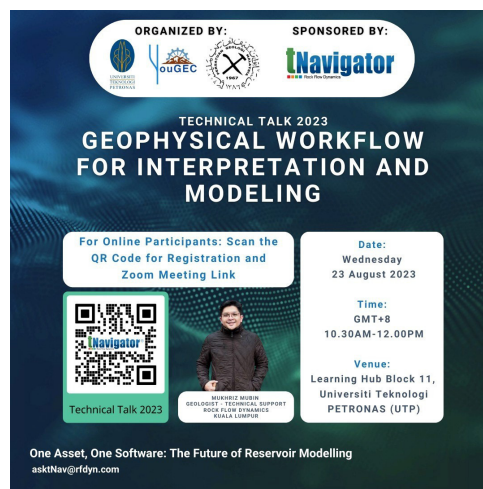
## Geophysical workflow for interpretation and modeling

Mukhriz bin Mubin  
 Rock Flow Dynamics  
 Date: 23 August 2023  
 Venue and platform: UTP and Zoom

On 23<sup>rd</sup> August 2023, the Geological Society of Malaysia, in collaboration with Universiti Teknologi PETRONAS (UTP) and Rock Flow Dynamics (RFD) under their Navigator flagship program, presented a technical talk titled “Geophysical Workflow for Interpretation and Modeling”. This talk was organized under the Geophysics Working Group in GSM. The talk was delivered by Mr. Mukhriz bin Mubin, Geologist-Technical Support at Rock Flow Dynamics. The talk was conducted in hybrid mode with the physical event taking place in UTP in conjunction with the UTP Young Geo-Explorer Challenge.

Out of 57 participants, 20 attended the talk physically at UTP and 37 participants attended virtually. The participants who attended the event physically consists of YouGec participants including students and advisors from Universiti Kebangsaan Malaysia (UKM), Universiti Malaysia Kelantan (UMK) and UTP from Malaysia, as well as Universitas Brawijaya and Institut Teknologi Bandung (ITB) from Indonesia. Mr. Mukhriz had engaged very well with the participants both virtually and physically. He started his talk by asking relevant questions related to the need of performing geophysical analysis for geological purposes. This had sparked the interest of many participants to stay focused until the end of the talk.

At the end of the talk, the participants had asked several questions related to correlating geological features through utilization of geophysical software and the assumptions that are needed to do this. Mr Mukhriz, along with the chairperson, Dr. Siti Nur Fathiyah Jamaludin used several analogues to ensure that the participants were able to grasp the concept and importance of using both geological and geophysical aspects in the interpretation of geological data.



Poster for the talk



## PERTEMUAN PERSATUAN (MEETINGS OF THE SOCIETY)

Why do we need to perform geophysical analysis?

Because our bosses says so!

The REAL reason why do we need perform geophysical analysis:

- Identification of Subsurface Structure
- Mapping Rock Properties
- Detection of Hydrocarbon Indicators
- Risk Reduction
- Reservoir Characterization
- Well Planning and Design



The participants of YouGec with Mr. Mukhriz Mubin (center) after the talk

Prepared by,  
Dr. Siti Nur Fathiyah Jamaludin  
Chairman, Geophysics Working Group  
23<sup>rd</sup> August 2023