SPEAKERS

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THEME

Typical Geotechnical Engineering Problems
for Current Practices
of Infrastructure Construction
in Indonesia

DATE AND VENUE

Friday, September 20th 2019
Maxone Hotel, Makassar
07.30 wita - end

REGISTRATION LINK

http://bit.ly/internationalworkshopPNUP

INTERNATIONAL WORKSHOP ON GEOTECHNICAL ENGINEERING

BACKGROUND

Structural damages of many infrastructures are often caused by soil instability such as landslides or slope failures. The landslides frequently occur in Indonesia during rainy season even these occurrences become worse when extreme rainfall coincides with earthquake. The frequent occurrences are likely related to geographical position of Indonesia in wet tropical region with high rainfall intensity and its geological position in the ring of fire with high earthquake susceptibility and volcanic areas with low shear strength soil. Soil testing is required to provide data for slope stability evaluation. Understanding groundwater is also important in geotechnical problems. Groundwater, which is in aquifers below the surface of the Earth, is one of the Nation's most important natural resources. In the last decade there has been a rapid population growth throughout the world, including in Indonesia, and this has led to a massive exploitation of groundwater. This phenomenon has caused a negative impact on quantity and quality of groundwater, including decreasing of groundwater levels, increasing fluctuations and decreasing of groundwater quality. One way that can help the engineer to answer this problem is by conducting groundwater model.

Therefore, civil engineering problems as describe above will become main topics discussed in The International Workshop on Geotechnical Engineering with theme *"Typical Geotechnical Engineering Problems for Current Practices of Infrastructure Construction in Indonesia"*.

SCHEDULE

07.30 - 08.00	Registration
08.00 - 08.45	Opening Ceremony
08.45 - 09.00	Coffee Break
09.00 - 11.00	Session 1 "Rainfall-Induced Slope Failure & Soil Testing"
11.00 - 12.00	Session 2 "Soil Stabilization and Testing & Groundwater Modelling"
12.00 - 13.00	Lunch + Ishoma
13.00 - 14.00	Session 2
14.00 - 14.30	Closing

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