

National Taiwan University-University of Malaya Bilateral Symposium on Earth Observation and Environmental Challenges

/ Date /
November 14, 2018

/ Venue /

B1 Conference Room, Department of Geosciences, National Taiwan University

AM

09:10

Session 1: Geochemistry and Geomorphology

Prof. Azman A Ghani, UM

Crystallisation history of the Kinabalu granite: Implication to the magma emplacement

09:35

Prof. Sun-Lin Chung, NTU

Tibet & beyond: A geochemical perspective on Asian orogeny and continental evolution

10:00

Dr. Ros Fatimah Mohammad, UM

Topography of subsurface karst and preliminary investigation on susceptibility to sinkholes occurrences in Sungai Perak Basin, West Malaysia

10:45

Session 2: Seismology and Active Fault

Prof. Yih-Min Wu, NTU

Development of an earthquake early warning system using low cost sensors

11:10

Prof. Mustaffa Kamal Shuib, UM

Identification of active faults in low seismicity Peninsular Malaysia

11:35

Prof. Wang Yu, NTU

Fault kinematics and active tectonics of the Sabah margin: Insights from the 2015, Mw 6.0, Mt Kinabalu earthquake

PM

01:00

Session 3: Environmental Remediation

Prof. Ismail Yusoff, UM

Horizontal collector well (HCL) impact assessment by numerical simulation for sustainable groundwater development in Malaysia

01:25

Prof. Sofia Ya Hsuan Liou, NTU

Environmental remediation and application of nanoscale zero-valent iron and its composites for selective degradation of environmental pollutants in groundwater

01:50

Dr. Ahmad Farid Abu Bakar, UM

Impact of bauxite mining activities to the beach sediment of Kuantan area

02:30

Session 4: Climate Change and Resilience

Prof. Abby Haojia Ren, NTU

21st Century rise in Anthropogenic nitrogen deposition on a remote coral reef

02:55

Prof. Ng Tham Fatt, UM

Disaster resilient cities: Forecasting local level climate extremes and physical hazards for Kuala Lumpur

03:20

Dr. Hong-Wei Chiang, NTU

Coral-based geochemical signatures and their applications on hydroclimate reconstruction

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