

## Agenda

### 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

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8:30-8:50 AM	<b>Registration</b>
8:50-9:10 AM	<b>Opening Remarks Group Photo</b>
<b>Session 1: Geochemistry and Geomorphology / Chair: Prof. Yih-Min Wu</b>	
9:10-9:35 AM	<i>Prof. Azman A Ghani, UM</i> Crystallisation history of the Kinabalu granite: Implication to the magma emplacement
9:35-10:00 AM	<i>Prof. Sun-Lin Chung, NTU</i> Tibet & beyond: A geochemical perspective on Asian orogeny and continental evolution
10:00-10:25 AM	<i>Dr. Ros Fatimah Mohammad, UM</i> Topography of subsurface karst and preliminary investigation on susceptibility to sinkholes occurrences in Sungai Perak Basin, West Malaysia
10:25-10:45 AM	<b>Coffee Break</b>
<b>Session 2: Seismology and Active Fault / Chair: Prof. Azman A Ghani</b>	
10:45-11:10 AM	<i>Prof. Yih-Min Wu, NTU</i> Development of an earthquake early warning system using low cost sensors
11:10-11:35 AM	<i>Prof. Mustaffa Kamal Shuib, UM</i> Identification of active faults in low seismicity Peninsular Malaysia
11:35 AM-12:00 PM	<i>Prof. Wang Yu, NTU</i> Fault kinematics and active tectonics of the Sabah margin: Insights from the 2015, Mw 6.0, Mt Kinabalu earthquake
12:00-1:00 PM	<b>Luncheon</b> (Room 213, Dept. of Geosciences)

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<b>Session 3: Environmental Remediation / Chair: Prof. Ng Tham Fatt</b>	
1:00-1:25 PM	<i>Prof. Ismail Yusoff, UM</i> Horizontal collector well (HCL) impact assessment by numerical simulation for sustainable groundwater development in Malaysia
1:25-1:50 PM	<i>Prof. Sofia Ya Hsuan Liou, NTU</i> Environmental remediation and application of nanoscale zero-valent iron and its composites for selective degradation of environmental pollutants in groundwater
1:50-2:15 PM	<i>Dr. Ahmad Farid Abu Bakar, UM</i> Impact of bauxite mining activities to the beach sediment of Kuantan area
2:15-2:30 PM	<b>Coffee Break</b>
<b>Session 4: Climate Change and Resilience / Chair: Prof. Sofia Ya Hsuan Liou</b>	
2:30-2:55 PM	<i>Prof. Abby Haojia Ren, NTU</i> 21st Century rise in Anthropogenic nitrogen deposition on a remote coral reef
2:55-3:20 PM	<i>Prof. Ng Tham Fatt, UM</i> Disaster resilient cities: Forecasting local level climate extremes and physical hazards for Kuala Lumpur
3:20-3:45 PM	<i>Dr. Hong-Wei Chiang, NTU</i> Coral-based geochemical signatures and their applications on hydroclimate reconstruction
3:45-4:30 PM	<b>Laboratory Tour, Department of Geosciences</b>
<b>Round table discussion:</b>	
4:30-5:00 PM	<b>Chaired by Prof. Yih-Min Wu and Prof. Prof. Azman A Ghani</b> Room 213, Dept. of Geosciences
<b>Signing Ceremony for the Dual Doctorate Programme between</b>	
<b>Faculty of Science, University of Malaya and</b>	
5:00-5:30 PM	<b>College of Science, National Taiwan University</b>
<b>(Tentative)</b>	
Room 213, Dept. of Geosciences	