



**CCOP/JMG Thematic Session
Technical Programme**

“Geoscience Innovations for Sustainable Development: The Future We Want”

Venue: Holiday Villa Spa & Beach Resort, Langkawi, Malaysia

Dates: November 6 – 7th 2012

Day 1: Tuesday, November 6th 2012

- 13.30–14.00 Registration
- 14.00–14.30 Opening Address; Dr. He Qingcheng, Director of CCOP TS
Welcome Remarks: Dato Yunus Abdul Razak, Director General of Mineral
and Geoscience Department, Malaysia
Group Photograph

Keynote Session: Chair by Dato Yunus Abdul Razak

- 14.30–15.00 *Langkawi Geopark: A Geoscience Innovation for Sustainable Development*
(CHE AZIZ Ali, Pusat Penyelidikan Langkawi, Institut Alam Sekitar dan
Pembangunan (LESTARI), Universiti Kebangsaan Malaysia, 43600 Bangi,
Malaysia)
- 15.00–15.30 *Contribution of Geosciences to Sustainable Development*
(Franca SCHWARZ, Head International Cooperation, Federal Institute for
Geosciences and Natural Resources, Germany)

15.30–16.00 Coffee breaks

Technical Session I: Chair by Mohd Shafeea Leman

16.00–16.20 *The Roles of Geoheritage Sites and Geological Museums in Raising Public Awareness of Geoscience in East and Southeast Asia*

(A J REEDMAN, Honorary Advisors, CCOP)

16.20–16.40 *Global Heritage Stone Resources*

(Hirokazu KATO, Geological Survey of Japan, AIST, Japan)

16.40–17.00 *Geoheritage Values of the Dong Van Karst Plateau Geopark through a Quantitative Geomorphological and Topographic Analysis*

(PHAM Viet Ha, Vietnam Institute of Geosciences and Mineral Resources, Vietnam)

17.00-17.20 *The Geological Heritage Values and Potential Geotourism Development of the Beaches in Northern Sabah, Malaysia*

(Joanes MUDA, Minerals and Geoscience Department Malaysia, Kota Kinabalu, Sabah, Malaysia)

17.20-17.40 *Opportunity to the Development of Geodiversities and Geoheritage in Indonesia Become National Geoparks*

(H. SAMODRA and S. Permanadewi, Geological Survey Centre, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)

Day 2: Wednesday, November 7th 2012

Technical Session II: Chair by Anthony J. Reedman

08.30–08.50 *Sano Nggoang Deepest Volcanic Lake in Southeast Asia*

(Oki OKTARIADI, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)

08.50–09.10 *The Interdependence Relationship of the Minerals Sector within the Malaysian Economy*

(MOHD SUHAILI Ismail, Minerals and Geoscience Department Malaysia, Kota Kinabalu, Sabah, Malaysia)

09.10–09.30 *Geological Interpretation Based on Satellite Imagery: Updating Geological Maps of Indonesia to 1:50,000 Map Scale*

(JAMAL, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)

09.30–09.50 *Storage of CO₂ Offshore Norway*

(Per BLYSTAD, Norwegian Petroleum Directorate (NPD), Stavanger, Norway)

09.50–10.10 *Petroleum Play in the Cross-border Area of North Sumatra-Mergui Basin*

(M RAZALI Che Kob, Petroleum Resource Exploration, PETRONAS)

10.10–10.40 Coffee breaks

Technical Session III: Chair by He Qingcheng

- 10.40–11.00 *Heavy Rainfall Triggering Dewata Tea Plantation Landslide*
(Yunara DASA, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)
- 11.00–11.20 *Engineering Geology Evaluation on Land Subsidence in Northern Jakarta*
(MUHAMMAD WAFID, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)
- 11.20–11.40 *ASEAN Mineral Resources Information System Using FOSS and OGC Based Standards*
(Joel BANDIBAS, Geological Survey of Japan, AIST, Japan)
- 11.40–12.00 *Pathways of Coal Mining Wastes into the Groundwater Aquifer in Mukah Coal Mining Area, Sarawak*
(Joseph JUBIN, Department of Environmental Sciences, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia)
- 12.00–12.20 *Lineament Density and Lithology for Groundwater Potential Mapping at the Muar Basin, Malaysia*
(MOHAMAD Abd Manap, Minerals and Geoscience Department, Malaysia)
- 12.20-12.40 *Finland – Leader in Green Mining in 2020*
(Elias EKDAHL, Geological Survey of Finland, Finland)
- 12.40–14.00 Lunch break

Technical Session IV: Chair by Dhiti Tulyatid

- 14.00–14.20 *GSI's Technology Development Movement for Energy and Environment after the 2011.3.11 Big Earthquake in Japan*
(Yusaku YANO, Geological Survey of Japan, AIST, Japan)
- 14.20–14.40 *Volcanic Hazard Investigation of Ili Werung Volcano, East Nusa Tenggara*
(Eka KADARSETIA, Center for Volcanology and Geological Hazard Mitigation – Geological Agency, Indonesia)
- 14.40–15.00 *Debris Flow Simulation at Bawakaraeng Mountain, South Sulawesi*
(SUMARYONO, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)
- 15.00–15.20 *Landslide Risk Assessment in Volcano Eruption and Earthquake Prone Area at Kabupaten Ende, Nusa Tenggara Timur, Indonesia*
(ARIFIANTI Yukni, Geological Agency, Ministry of Energy and Mineral Resources, Indonesia)
- 15.20-16.00 Coffee break