

## **KEYNOTE SPEAKERS**

**Prof. Dr Adrian F.L Hyde**

*Title: Sustainable Ground Engineering*

**Assoc. Prof. Dr. Johnnie .Ben Edigbe**

*Title: Trends in Transportation Engineering*

## **INVITED SPEAKERS**

**Dato' Prof. Ir. Dr Azmi Hassan**, Highway Planning Unit, Ministry of Works Malaysia.

*Title: Highway Planning in Malaysia*

**Prof. Kazuya Yasuhara**, Ibaraki University

*Title: Geotechnical Technique Compatible for Reduction of Environmental Impact and Natural Disaster*

**Prof. Kenichi Soga**, University of Cambridge.

*Title: Slope Monitoring Using Optical Fibre Technology*

**Prof. Hamid R. Soleymani**, University of Alberta

*Title: Characterization of Subgrade and Urbound Granular Material for Flexible Pavements: Evolutions and Future Challenges*

**Dr Che Hassandi Abdullah**, Public Works Department, Malaysia

*Title: Sustainable Development in Geotechnical Engineering in Public Works Department, Malaysia.*

**Mr. Zakaria Mohamad**, Minreals and Geoscience Department Malaysia (Selangor/Fed. Territory)

*Title: Geomorphological Approach to Study the Potential Debris Flow in Hulu Kelang Area.*  
*Title: Geological Perspective of Site Investigation in Malaysia.*

**DAY 1:**

Date : 01<sup>st</sup> December 2010 (Wednesday)

8.00 am – 9.00 am      Arrival and Registration of Participants  
Arrival of Invited Guests

**OPENING CEREMONY**

9.00 am – 9.45 am      Arrival of the Vice Chancellor of Universiti Teknologi Malaysia (UTM)  
Arrival of the Chief Minister of Sabah  
Recital of Doa  
Welcoming Speech by the Chairman of Conference  
Y.Bhg. Prof. Dr Aminaton Marto  
Speech by the Vice Chancellor of UTM  
Y.Bhg Dato' Prof Ir. Dr Zaini bin Ujang  
Officiating Speech by the Chief Minister of Sabah  
Y. Amat Berhormat Datuk Musa Haji Aman  
Press Conference

9.45 am – 10.30 am      **Refreshment**

**KEYNOTE ADDRESS**

Venue : Grand Ballroom  
Chariperson : Prof. Dato' Dr Ismail Bakar

10.30 am – 11.10 am      **Keynote Address I**  
Prof. Dr Adrian F.L Hyde  
Title: *Sustainable Ground Engineering*

11.10 am – 11.50 am      **Keynote Address II**  
Assoc. Prof. Dr. Johnnie .Ben Edigbe  
Title: *Trends in Transportation Engineering*

11.50 am – 12.20 pm      **Special Invited Paper**  
Minerals and Geosciences Department Malaysia (Sabah)  
Title: The Importance of Geological Input for Land-Use Planning: “Case Study of Ranau Area, Sabah”.

12.30 pm – 2.00 pm      **LUNCH**

## DAY 1

Date : 01<sup>st</sup> December 2010 (Wednesday)

### TECHNICAL SESSION 1: GEOTECHNICAL ENGINEERING

Venue : Grand Ballroom  
Chariperson : Prof. Dr Khairul Anuar Kassim

**2.00 pm – 3.40 pm**

#### INVITED SPEAKER

**Prof. Kenichi Soga**, University of Cambridge.  
*Title: Slope Monitoring Using Optical Fibre Technology*

**ID120:** “Prediction of Long-Term Settlement of Soft Clay using the Continuous Surface Wave Method & Damping Measurement”, Mohamad Nor Omar, Public Works Department, Kuala Lumpur.

**ID 130:** “The Compaction of Laterite Using Gyrotory Compactor”, Nor Hazwani Md. Zain, Universiti Teknologi MARA.

**ID 135:** “Swelling Potential of Clay Mineral Contents of Soft Rocks in Northern Peninsular Malaysia”, Intan Shafika Saiful Bahri, Universiti Teknologi MARA

**ID 142:** “Re-Evaluation of Unit Skin Friction in Instrumented Bored Pile in Kenny Hill Formation”, Ramlee Othman, Public Works Department Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Preparation of Next Technical Session**

## TECHNICAL SESSION 2: GROUND STABILIZATION

Venue : Room VII  
Chairperson : Assoc. Prof. Dr. Nurly Gofar

**2.00 pm – 3.40 pm**

**ID 112:** “Design and Development of Large Scale Shear Box for Landfill Liner Interface Testing”, Sumathi Subramaniam, University Malaya.

**ID 126:** “Thermal Properties of Lime Stabilized Soils”, Amin Eisazadeh, Universiti Teknologi Malaysia.

**ID137:** “Strength Characteristics of Clay Soil Stabilized With Mixtures of PFA-Lime and PFA-OPC”, Norazlan Khalid. Universiti Teknologi MARA.

**ID 150:** “Subgrade Stabilization by Fly and Bottom Ash, Kuantan Clayey Case Study”, Achmad Fauzi, University Malaysia Pahang.

**ID 177:** “Strength Characteristics of Kaolin mixed with Bottom Ash” Mohammad Ehsan Jorat, Universiti Teknologi Malaysia.

**ID 204:** “Preliminary Characterization of Natural zeolites by using X-Ray Techniques”, Felix Ling Ngee Leh, Universiti Teknologi Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Preparation of Next Technical Session**

<b>TECHNICAL SESSION 3: HIGHWAY ENGINEERING</b>
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Venue : Room VIII  
Chairperson : Assoc. Prof. Dr Mohd Rosli Hainin

**2.00 pm – 3.40 pm**

**ID 113:** “Bus Speed Acceleration and Accelerator Pedal Position Behaviour at Signalised Intersection”, Munzilah Md. Rohani, Universiti Teknologi Tun Hussein Onn Malaysia

**ID 124:** “Estimating Critical Gap at Unsignalised T-Intersection Using Maximum Likelihood, Raff and Probit Methods”, Ahmad Raqib Ab Ghani, Universiti Tun Hussein Onn Malaysia.

**ID 134:** “Traffic Data Collection and Reduction Technique Using Specially Fabricated Portable Pole and Traffic Analyser Software (POPTAS) for Malaysian Rural and Suburban Highway and Expressway”, Mohd Azahar Awang, Universiti Sains Malaysia

**ID 146:** “Accident Trends and Accident Prediction Model at Federal Route 50, Malaysia”, Mustakim Fajaruiddin, Nagoya Institute of Technology, Japan.

**ID 147:** “Comparison Study of Maintenance and Rehabilitation Method and Procedure: Case Study for Kuching-Samarahan Road”, Ron Aldrino Chan @ Ron Buning, Universiti Malaysia Sarawak.

**ID 183:** “Signalling Practices of Drivers on Multilane Highways”, Othman Che Puan, Universiti Teknologi Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Preparation of Next Technical Session**

<b>TECHNICAL SESSION 4: PAVEMENT ENGINEERING</b>
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Venue : Grand Ballroom  
Chairperson : Assoc. Prof. Dr Othman Che Puan

**3.45 pm – 5.15 pm**

**INVITED SPEAKER**

**Prof. Hamid R. Soleymani**, University of Alberta

*Title: Characterization of Subgrade and Urbound Granular Material for Flexible Pavements: Evolutions and Future Challenges*

**ID 169:** “Stripping Performance Of Tender Mix”, Ekarizan Shaffie, Universiti Teknologi MARA.

**ID 160:** “An Assessment of the Surface Roughness Index of Various Bituminous Pavements In Malaysia”, Suleiman Arafat Yero, Universiti Teknologi Malaysia.

**ID 143:** “Properties of Dutch Twinlay Porous Asphalt Utilizing Local Aggregates”, Noor Halizah Abdullah, Universiti Sains Malaysia.

**ID 173:** “Skid Resistance and the Effect of Temperature”, Haryati Yaacob, Universiti Teknologi Malaysia.

Question and Answer

5.15 pm – 5.30pm

**Refreshment**

<b>TECHNICAL SESSION 5: NUMERICAL MODELING</b>
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Venue : ROOM VII  
Chairperson : Dr Amin Eisazadeh

**3.45 pm – 5.15 pm**

**ID 101:** “Model Study on Root Pull-Out Failure”, Siti Sara Seera Mustapa Kamil, Universiti Malaya.

**ID 102:** “The Effect of Capillary Barrier on Mitigating Rainfall-Induced Slope Failure”, Bimo Brata Adhitya, Universiti Teknologi Malaysia.

**ID 109:** “Numerical Analysis of Vegetative Induced Matric Suction Changes and Deformation”, Mu’azu Mohammed Abdullahi, Universiti Malaya.

**ID 110:** “2-D Axi-Symmetric of Root Water-Uptake and Deformation”, Nazri Ali, Universiti Teknologi Malaysia.

**ID 111:** “Comparative study of two-dimensional and three-dimensional stability analyses in an irregular soil slope with respect to intercolumn forces”, Nazri Ali, Universiti Teknologi Malaysia.

**ID 175:** “Finite Element Simulation Analysis of Steel Frame with Concrete Panel Retaining Wall”, Mohammad Ehsan Jorat, Universiti Teknologi Malaysia.

Question and Answer

5.15 pm – 5.30pm

**Refreshment**

<b>TECHNICAL SESSION 6: GEOTECHNICAL ENGINEERING</b>
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Venue : ROOM VIII  
Chairperson : Dr Hisham Mohamad

**3.45 pm – 5.15 pm**

**INVITED SPEAKER**

**Mr. Zakaria Mohamad**, Minreals and Geoscience Department Malaysia (Selangor/Fed. Territory)

*Title: Geomorphological Approach to Study the Potential Debris Flow in Hulu Kelang Area.*

**ID 149:** “The Potential of Using Rubberchips as a Soft Clay Stabilizer Enhancing Agent”, Meei-Hoan Ho, Universiti Tun Hussein Onn Malaysia.

**ID 151:** “Sustainability of Geosynthetic Clay Liners (Gcls) In Tropical Countries – Thermodynamic Modelling”, E.W.K.Loh, Legenda Education Group.

**ID 154:** “Feasibility Of Lightweight Concrete Piles To Be Utilized for Deep Foundation of Particular Structures on Soft Soils”, Agus Sulaeman, Universiti Tun Hussein Onn Malaysia.

**ID 117:** “Sediment Transport With A Hydrodynamic Perspective”, Ravindra Jayaratne, University of East London, United Kindom.

**ID 191:** “Risk Analysis of Factors Affecting the Safety and Quality in Soil Nailed Structures”, Peyman Behtash, Universiti Teknologi MARA.

Question and Answer

5.15 pm – 5.30pm

**Refreshment**



**DAY 2**

Date : 02<sup>nd</sup> December 2010 (Thursday)

**TECHNICAL SESSION 7: GEOTECHNICAL ENGINEERING**

Venue : Grand Ballroom  
Chairperson : Prof. Dr Aminaton Marto

**8.30 am – 10.00 am**

**INVITED SPEAKER**

**Prof. Kazuya Yasuhara**, Ibaraki University

*Title: Geotechnical Technique Compatible for Reduction of Environmental Impact and Natural Disaster*

**ID 139:** “Laboratory-Based Remedial Study of A Road Embankment on Peat Soil”, Zaihasra Abu Talib, Universiti Tun Hussein Onn Malaysia.

**ID 144:** “Experimental Study on Resilient Modulus of Liquid Silica (SiO<sub>2</sub>) Stabilized Subgrade Soil”, Ismail Yusof, Universiti Tun Hussein Onn Malaysia.

**ID 163:** “Effect of Particle Composition on the Shear Strength Characteristics of Residual Soil at Constant Dry Density”, Norbaya Haji Sidek, Universiti Teknologi MARA.

**ID 178:** “Bearing Capacity of Strip Footing on single reinforced sand slope”, Enas B. Altalhe, Universiti Kebangsaan Malaysia.

Question and Answer

10.00 am – 10.30 am

**Refreshment**

<b>TECHNICAL SESSION 8: NUMERICAL MODELING</b>
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Venue : Room VII  
Chairperson : Dr Amin Eisazadeh

**8.30 am – 10.00 am**

**ID 194:** “Finite Element Analysis of an Anchored Reinforced Earth Wall Under Slope Surcharge”, Md Zahidul Islam, University of Malaya.

**ID 138:** “Numerical and Experimental Analysis of Pullout Test on Square Horizontal Anchor Plates in Sand”, Hamed Niroumand, Universiti Teknologi Malaysia.

**ID 187:** “2D Finite Element Analysis of Bamboo Reinforced Embankment”, Badrul Nizam Ismail, Universiti Teknologi MARA.

**ID 132:** “The Effect of Elevation Model and Rainfall Trend as a Triggering Factor in LandSlide”, Fauziah Ahmad, University Sains Malaysia.

**ID 114:** “Backanalysis of Rainfall Induced Landslides by Perisi Model”, S.J. Matlan, Universiti Malaysia Sabah.

**ID 165:** “Mechanical and Hydrological Effects of A Tree on Slope Stabilization”, Mohammad Ehsan Jorat Universiti Teknologi Malaysia

Question and Answer

10.00 am – 10.30 am

**Refreshment**

<b>TECHNICAL SESSION 9: HIGHWAY ENGINEERING</b>
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Venue : Room VIII  
Chairperson : Assoc. Prof. Dr. Mohd Rosli Hainin

**8.30 am – 10.00 am**

**INVITED SPEAKER**

**Dato' Prof. Ir. Dr Azmi Hassan**, Highway Planning Unit, Ministry of Works Malaysia.  
*Title: Highway Planning in Malaysia*

**ID 125:** “Determining Passenger Car Equivalent for Motorcycle at Signalised Intersection in Batu Pahat, Malaysia”, Mohd Erwan Sanik, Universiti Tun Hussein Onn Malaysia.

**ID 156:** “Road Safety Traffic Standard of Riau Province”, Abd. Kudus Zaini, Islamic University Of Riau-Pekanbaru- Indonesia.

**ID 168:** “Measurement Performance of Soekarno – Hatta Airport by Balanced Scorecard Methods”, Juanita, Muhammadiyah University of Purwokerto, Indonesia.

**ID 172:** “Mobile Ad-Hoc Networking for Vehicular Road and Traffic Safety”, Hannes Masanding, Universiti Tun Hussein Onn Malaysia.

Question and Answer

10.00 am – 10.30 am

**Refreshment**

<b>TECHNICAL SESSION 10: ROCK MECHANICS</b>
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Venue : Grand Ballroom  
Chariperson : Dr P. Rajeev Kumar

**10.30 am – 13.00 pm**

**INVITED SPEAKER**

**Mr. Zakaria Mohamad**, Minerals and Geoscience Department Malaysia (Selangor/Fed. Territory)  
*Title: Geological Perspective of Site Investigation in Malaysia.*

**ID 170:** “Effect of Moisture Content on the Strength of Weathered Granite In Tropical Climate”, Mohamed Fauzi Md Isa, Universiti Teknologi Malaysia.

**ID 171:** “Excavatability Assessment of Weathered Sedimentary Rock Mass Using Seismic Velocity Method”, Mohamed Fauzi Md Isa, Universiti Teknologi Malaysia.

**ID 188:** “Potential Alkali Silica Reactivity in Aggregates”, Mohamed Fauzi Md Isa, Universiti Teknologi Malaysia.

**ID 195:** “Underground Structures Under Squeezing Rock Condition- A Rview”, Vahed Ghiasi, University Putra Malaysia.

**ID 140:** “Rippability Assessment of Quartzite in Kenny Hill Formation”, Chan Sook Huei, Public Works Department Malaysia.

Question and Answer

13.00 pm – 2.00 pm

**LUNCH**

<b>TECHNICAL SESSION 11: SOIL MECHANICS &amp; LABORATORY TESTS</b>
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Venue : Room VII  
Chariperson : Dr Nazri Ali

**10.30 am – 13.00 pm**

**ID 103:** “Rate Effect and Vane Shear Strength of Sandy Clay”, N.A. Yusoff, Sheffield University.

**ID 105:** “The Correlations and Analysis of Properties for Soils In Maran, Pahang”, Muzamir Hasan, Universiti Malaysia Pahang.

**ID 106:** “Analytical and Experimental Behaviour of Soil Nailed Embankments in Clay Under Centrifuge Loading”, Dayangku Salma Awang Ismail, Universiti Malaysia Sarawak.

**ID 119:** “Evaluation of Migration of Light Nonaqueous Phase Liquid by Image Analysis”, Samira Albatl Kamaruddin, Universiti Putra Malaysia.

**ID 131:** “Geotechnical Characteristics of Peat Soils Through A Fabric and Micro-Structure Perspective”, Adnan Zainorabidin, Universiti Tun Hussein Onn Malaysia.

**ID 116:** “Development of IRB Test-Bed at Research Centre for Soft Soil Malaysia (Recess Malaysia): from Concept to Testing”, Mohd Idrus Hj. Mohd Masirin, Universiti Tun Hussein Onn Malaysia.

Question and Answer

13.00 pm – 2.00 pm

**LUNCH**

<b>TECHNICAL SESSION 12: PAVEMENT ENGINEERING</b>
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Venue : Room VIII  
Chairperson : Dr Anil Minhans

**10.30 am – 13.00 pm**

**ID 136:** “Modified Bitumen with Oil Palm Fruit Ash”, Gatot Rusbintardjo, Universitas Islam Sultan Agung, Semarang, Indonesia.

**ID 166:** “Mix Design of Cold Recycled Mix Using Different Recycled Asphalt Pavement (RAP) Proportion”, R. Razali, Public Works Department, Malaysia.

**ID 167:** “Use of Dynamic Modulus Test to Evaluate Moisture Susceptibility of Asphaltic Concrete Mixtures”, Juraidah Ahmad, Universiti Teknologi MARA.

**ID 181:** “The Effect of Epoxy Bitumen Modification on Hot Mix Asphalt Properties and Rut Resistance”, Dorina Anak Astana, Universiti Teknologi Malaysia.

**ID 196:** “Exploring the Usage of Nanoparticles in Pavement Engineering”, Mohd Ezree Abdullah, Universiti Tun Hussein Onn Malaysia.

**ID 197:** “Vertical Displacement of Underside Shaped Concrete Block Pavement”, Azman Mohamed, Universiti Teknologi Malaysia.

**ID 104:** “Evaluation of Threshold Stress of Subgrades for Highway Formation Based on the Unconfined Cyclic Triaxial Test”, Elsa Eka Putri. Universiti Malaysia Sabah.

Question and Answer

13.00 pm – 2.00 pm

**LUNCH**

<b>TECHNICAL SESSION 13: GEOTECHNICAL ENGINEERING</b>
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Venue : Grand Ballroom  
Chariperson : Dr Hisham Mohamad

**2.00 pm – 3.40 pm**

**INVITED SPEAKER**

**Dr Che Hassandi Abdullah**, Public Works Department, Malaysia

*Title: Sustainable Development in Geotechnical Engineering in Public Works Department, Malaysia.*

**ID 176:** “Settlement of Embankment on Prefabricated Vertical Drain Treated Ground”, Abdul Razak Ali, Prima Reka Konsultan.

**ID 184:** “Effect of Industrial Chemicals on the Shear Strength and Settlement Characteristics of Silty Soil”, P Rajeev Kumar, Universiti Teknologi Malaysia.

**ID 185:** “To Assessment of Viscosity of Cement-Sodium Silicate Grout with Kaolinite”, Sina Kazemian, University Putra Malaysia.

**ID 186:** “Review of Newtonian and non-Newtonian Fluids and Grout Behaviors”, Sina Kazemian, University Putra Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Refreshment**

<b>TECHNICAL SESSION 14: HIGHWAY ENGINEERING</b>
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Venue : Room VII  
Chairperson : Dr Juraidah Ahmad. UiTM

**2.00 pm – 3.40 pm**

**ID 182:** “Speed/Density Linearity Shift Resulting from Road Humps”, Ben - Edigbe, J, Universiti Teknologi Malaysia.

**ID 202:** “Guiding Framework for Traffic Management in Disasters”, Ing. Anil Minhans, Universiti Teknologi Malaysia.

**ID 205:** “A Critical Analysis of Road Accidents, Vehicular Flow-Rate and Speed With Reference to Route F050 BP-Kluang”, Mohd Idrus Hj. Mohd Masirin, Universiti Tun Hussein Onn Malaysia.

**ID 206:** “Appraisal on Investigation Methods of Approach Slab for Road-Bridge Interface Sections: A Proposed Recess Project”, Mohd Idrus Hj. Mohd Masirin, Universiti Tun Hussein Onn Malaysia.

**ID 207:** “Transverse Rumble Strips Application in Malaysia”. M.H. Othman, Universiti Teknologi Malaysia.

**ID 208:** “Transverse Rumble Strips: A Review of Noise Problems”, M.H. Othman, Universiti Teknologi Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Refreshment**



<b>TECHNICAL SESSION 15: UNDERGROUND EXCAVATIONS</b>
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Venue : Room VIII  
Chairperson : Mr. Mohd Ezree Abdullah, UTHM

**2.00 pm – 3.40 pm**

**ID 203:** “A Short Review of Analytical Methods for Tunnelling In Elastic Ground”, Siti Norafida Jusoh, Universiti Teknologi Malaysia

**ID 189:** “Assessment of Contiguous Buildings Damage Due to Tunnelling”, Eshagh Namazi, Universiti Teknologi Malaysia.

**ID 198:** “Using 2D Electrical Imaging to Detect Cavities, Pinnacles and Bedrock at Gunung Keriang, Kedah, Malaysia”, Edy Tonnizam Mohamad, Universiti Teknologi Malaysia.

**ID 199:** “The Seismic Refraction Survey In Shallow Subsurface Investigation”, Edy Tonnizam Mohamad, Universiti Teknologi Malaysia.

**ID 200:** “Groundwater Survey Using Geophysical Method at Nenasi, Pahang”, Edy Tonnizam Mohamad, Universiti Teknologi Malaysia.

Question and Answer

3.40 pm – 3.45 pm

**Refreshment**

<b>TECHNICAL SESSION 16: SOFT CLAYS &amp; PROBLEMATIC</b>
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Venue : Grand BallRoom  
Chairperson : Assoc. Prof. Dr. Nurly Gofar

**3.45 pm – 4.45 pm**

**ID 115:** “Construction Challenges on Sibul Peat Soil: Case Study and Lessons Learned”, Mohd Idrus Hj. Mohd Masirin, Universiti Tun Hussein Onn Malaysia.

**ID 118:** “Field Tests on Natural Clay Deposit Reinforced With Granular Fill Layers”, Ahmet Demir, Cukurova University, Balcali, Adana, Turkey.

**ID 141:** “Performance of Various Piezometers in Soft Clay in Kandang, Melaka”, Edayu Salleh @ Aman, Public Works Department Malaysia.

**ID 192:** “Innovative High Vacuum Densification Method (HVDM) for Soft Cohesive Soil Improvement” Robert Y. Liang, University of Akron.

Question and Answer

<b>TECHNICAL SESSION 17: UNDERGROUND EXCAVATIONS</b>
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Venue : Room VII  
Chairperson : Dr P. Rajeev Kumar

**3.45 pm – 4.45 pm**

**ID 157:** “Assessmeent of Contiguous Buildings Damage Due to Tunnelling”, Eshagh Namazi, Universiti Teknologi Malaysia.

**ID 158:** “Three Dimensional Analysis of Tunnel Face Stability using Upper Bound Theorem in a Two-Layered Soil”, N. Khezri, Universiti Teknologi Malaysia.

**ID 152:** “Numerical Study on the Longitudinal Deformation Profile Considering the Pre-Reinforcement – Experience from Korean Subway Project”, Song Ki Il, Universiti Teknologi MARA.

**ID 108:** “Prediction of Surface Settlement Based on the Analysis of Soil Movement Pattern Around the Tunnels”, Mohsen Hajihassani. Universiti Teknologi Malaysia.

Question and Answer

<b>TECHNICAL SESSION 18: PAVEMENT ENGINEERING</b>
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Venue : Room VII  
Chariperson : Dr Anil Minhans

**3.45 pm – 4.45 pm**

**ID 180:** “Development of Software for Rigid Pavement Thickness Design”, Mohd Khairul Idham Mohd Satar, Universiti Teknologi Malaysia.

**ID 128:** “Effects of Waste Cooking Oil as A Rejuvenating Agent for Aged Bituminous Pavement”, Hallizza Asli, University Malaya.

**ID 133:** “Engineering Properties of Local Reclaimed Asphalt Pavement Aggregate”, Lillian Gungat, Universiti Malaysia Sabah.

**ID 107:** “Optimum Binder for Porous Mixtures Made by Various Aggregate Gradations and Its Properties Towards Producing Grouted Macadam Composite Pavement”, Nadiah Md. Husain, Univesiti Malaya.

Question and Answer

## CLOSING CEREMONY

Venue : Grand BallRoom

### **4.45 pm – 5.30 pm**

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|---------|---|
| 4.40 pm | Gathering of Participants   |
| 4.45 pm | Panel Discussion (Chairman: Prof. Dr Aminaton Marto)<br>“Sustainability in Geotechnical and Transportation Engineering”     |
| 5.10 pm | Closing Speech by Deputy Dean (Research & Graduate Studies)<br>Faculty of Civil Engineering, Universiti Teknologi Malaysia. |
| 5.15 pm | Recital of Doa  |
| 5.20 pm | Group Photography   |
| 5.30 pm | Refreshment & Adjourn   |

### **DAY 3**

Date : 03<sup>rd</sup> December 2010 (Friday)

#### **TECHNICAL VISIT**

07.45 am : Gather at Sutera Harbour Hotel, Kota Kinabalu  
08.00 am : Depart to Kundasang  
10.00 am : Arrive at Kundasang Site (Fault Zones)  
: Site 1 – Kundasang Retaining Wall (Lobou-Lobou Fault Zone)  
: Site 2 – SMK Kundasang (Lobou-Lobou Fault Zone)  
11.05 am : Depart to Kg. Kibbas  
11.20 am : Site 43 – Kg. Kibbas, Ranau (Fault Intersection – Kibbas Fault, Lipasu Fault & Kopingan Fault)  
11.30 am : Lunch  
12.15 pm : Depart to Ranau  
01.00 pm : Site 4 - Matupang, Ranau (Slope Stabilization)  
03.00 pm : Depart to Kota Kinabalu  
06.00 pm : Arrive in Kota Kinabalu

\* Technical visit not provide meal and limited seat only