

# The FOUNDATION

newsletter



Cover Story ●

## Exploring through Scientific Expeditions

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# The FOUNDATION newsletter

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## COVER PHOTO

Exploration through scientific expeditions

## COVER STORY

- 03 Exploration through scientific expeditions

## YAYASAN EMKAY

- 04 Funeral hearse contribution to Surau Mau'idzatil Hasanah
- 04 IPGKTAA student care services and 'i-play' tour program
- 05 'i-play' Toy Library @ Kg. Desa Damai gets a new building
- 06 'i-play' Toy Library young volunteer's training camp
- 06 Mind Transformation Workshop
- 07 Tan Sri Mustapha Kamal Cup brings out the talent in young players
- 08 Teachers as catalyst in the development of Green Ranger Malaysia
- 09 The launching of 'i-play' Toy Library at IPG Afzan, Kuala Lipis

## PULAU BANDING FOUNDATION

- 09 Pre-launching of 4<sup>th</sup> Royal Belum Scientific Expedition
- 10 4<sup>th</sup> Royal Belum Scientific Expedition
- 11 Launching of the Belum Discovery Centre (BDC)

## BUKIT MERAH ORANG UTAN ISLAND FOUNDATION

- 12 Coffee Morning Talks
- 12 Education programmes
- 13 International Women Association (IWA) visits BMOUIF
- 13 Orangutan Awareness Walk Programme
- 14 Penang Roadshow
- 14 Veterinary Medicine Workshop
- 15 YB Dato' Nolee visits OUI

## COLLABORATION

- 15 Green Ranger Malaysia Camps
- 17 KITE 2015
- 18 Environmental Camp and Carnival 2015

## EVENT

- 19 Belum Rainforests Summit 2016  
International Conference on Conservation and Sustainable Use of Tropical Rainforests 2016

# Exploration *through* Scientific Expeditions



## What is a Scientific Expedition?

In general, scientific expeditions are carried out both on land, in the rivers, the seas and oceans to better understand the working of our earth's eco-systems and the biodiversity present therein. If one is desirous of conserving the biodiversity of one's location, before one can proceed to initiate a conservation or protection strategy, it is essential to document all the flora and fauna present and to make an inventory of all that is present within the particular eco-system. To put it simply, we cannot conserve or protect that which we do not know exists or if they are abundant, rare or endangered. Hence, a scientific expedition is one way to document all the flora and fauna present. Generally there are hundreds of fields of specialization and in an expedition it will be essential to bring at least all the necessary experts to capture the array of bio-resources thus making sure the expedition is successfully conducted.

## How can a Scientific Expedition be beneficial to a community?

Awareness of the environment surrounding a community and understanding what is present in the eco-system around the community is important to protect it for themselves and the environment at large. Such awareness should not only be among the adults but should be imparted to the young ones too. Early education of the young minds on the importance of the environment will go a long way to create citizens who are responsible and caring of their environment for themselves and their future generations.

## Role and purpose of PBF and YE in organising the expeditions for young adults into Belum-Temengor

Pulau Banding Foundation (PBF) and Yayasan EMKAY (YE) work together as a team to ensure that the community (old and young alike) are knowledgeable about their eco-system. In 2015, both PBF and YE had organised scientific expeditions for the old and young respectively.

The objective of the scientific expedition organised by YE & PBF for the young adults is to enable them to understand and appreciate the importance and friendliness of science and nature through a hands-on approach and to be one with nature.

The 4th Royal Belum Scientific Expedition was held from the 7<sup>th</sup>-17<sup>th</sup> of September 2015. Organised by PBF, the expedition consisted of research teams from renowned Malaysian universities and research institutes. The expedition was to document new inventories of flora and fauna in and around the Sg. Kejar and Sg. Tiang Basin located in the Royal Belum Rainforest.



*Nature appreciation through activities.*

Young adults have to be brought into the real life situation where they can learn hands-on and appreciate nature. They not only learn the intricate working of nature but at the same time, while in the forest, learn about teamwork, leadership, looking out for each other and living with each other. These qualities all add up to make an individual a better and disciplined person. Now that the Government is emphasizing teaching science and creating avenues for more students to take up science as a major subject, the KITE (Kids for Temengor Expedition) programme that was initiated by YE & PBF aims to expose young adults to approach the various forest topics in a scientific way to create interest in these young adults to love science and to take more interest to specialize in the field of science.

The KITE expedition was held from the 22<sup>nd</sup> to 26<sup>th</sup> November 2015 at Tanjung Satu and Belum Adventure Camp, Pulau Banding. This expedition for the young was participated by 20 primary and secondary schools around Malaysia. The participants were exposed to conducting experiments, collecting data and analysing the data from various experiments that were assigned to them. Among the experiments that were conducted were on the Rafflesia, bats, butterfly, and various fauna found in the Belum Rainforest.

Royal Belum Scientific Expedition and KITE are both important scientific expeditions to gain insides to the treasures that Mother Nature holds. PBF and YE aims to continue to support and organise more of such programmes in the future.

## Funeral hearse contribution to Surau Mau'idzatil Hasanah

In a simple event graced by YBhg Tan Sri Datuk Hj Mustapha Kamal bin Hj Abu Bakar, the Chairman of the Board of Trustee of Yayasan EMKAY, Yayasan EMKAY handed over a funeral hearse to Surau Mau'idzatil Hasanah, Simpang 4, Semanggol, Perak Darul Ridzuan on the 6<sup>th</sup> of September 2015.

The event which was held at the compound of Surau Mustapha Kamal at Bukit Merah was attended by the committee members of the surau, together with the management officers of MK Land and Bukit Merah Resort.

On behalf of Yayasan EMKAY, YBhg Tan Sri Mustapha Kamal hopes that the asset donated will be maintained and used well for the benefit of the community members in the area.

The surau has more than 750 members from the surrounding villages and nearby residential areas. The surau committee members were grateful of the contribution as it will be of use to thousands of residents in the Semanggol area in making funeral arrangements.

## Sumbangan van jenazah kepada Surau Mau'idzatil Hasanah

*Di satu majlis ringkas yang disempurnakan oleh Pengerusi Lembaga Pemegang Amanah Yayasan EMKAY, YBhg Tan Sri Datuk Hj Mustapha Kamal bin Hj Abu Bakar, Yayasan EMKAY telah menyerahkan sumbangan berupa sebuah van jenazah kepada Surau Simpang 4, Semanggol, Perak Darul Ridzuan pada 6hb September 2015.*

*Majlis penyerahan ini telah diadakan di perkarangan Surau Mustapha Kamal di Bukit Merah dan dihadiri oleh ahli-ahli jawatankuasa surau beserta pegawai-pegawai pengurusan MK Land dan Bukit Merah Resort. Bagi pihak Yayasan EMKAY, YBhg Tan Sri Mustapha Kamal mengharapkan agar aset surau tersebut diselenggara dan diurus dengan sempurna agar ianya memberi kemudahan kepada keseluruhan qariah penduduk di kawasan tersebut.*

*Pihak surau memaklumkan bahawa surau tersebut diimarahkan oleh lebih dari 750 orang qariah dari kampung-kampung dan taman-taman perumahan yang berhampiran. Mereka amat berterima kasih di atas sumbangan tersebut, yang pada hemat mereka akan memberi manfaat kepada beribu penduduk di kawasan Semanggol. Semoga sumbangan ini memudahkan penduduk kawasan Semanggol di dalam hal pengurusan jenazah, Inshaallah.*



YBhg Tan Sri Mustapha Kamal handing over the funeral hearse to the committee members of Surau Mau'idzatil Hasanah.

YBhg Tan Sri Mustapha Kamal menyerahkan van jenazah kepada ahli jawatankuasa Surau Mau'idzatil Hasanah.

## IPGKTAA student care services and 'i-play' tour program

The student care services and 'i-play' tour programme to Belum-Temengor, Hulu Perak by the Centre of Excellence for National Indigenous Institute of Pedagogy of Teacher's Education, Ministry of Education Malaysia took place from the 19<sup>th</sup>- 21<sup>st</sup> October 2015. The programme which was organised with the collaboration of The Institute of Teacher's Education, Tengku Ampuan Afzan campus (IPGKTAA, Institut Pendidikan Guru Kampus Tengku Ampuan Afzan) was participated by 40 trainee teachers who are educators of indigenous students and 12 accompanying lecturers, headed by Tn Hj Mohd Nordin Bin Abdullah, Assistant Director, IPGKTAA.

The main objective of this programme is to give the indigenous educators an experience of teaching and learning using the 'learning through play' approach used for the indigenous children of Belum, Hulu Perak.

Among others, the 3 day 2 night programme included a session by Pulau banding Foundation on the geography, flora and fauna of the Royal Belum Rainforest. The trainee teachers were also taken to two indigenous villages, Kg. Sg. Tiang and Kg. Sg. Kejar. They took this opportunity to perform and entertain the indigenous children and the teachers at these villages with songs such as the Centre of Excellence for National Indigenous Institute of Pedagogy's theme song, 'Orang Kita' (Our People) and an indigenous song titled 'Bah Bola'. On the same day, the participants were taken to Mes River at Kg. Sg. Kejar to enjoy Mother Nature and the chill waterfalls.

Before the end of the programme, the participants were taken to Pulau Orang Utan Bukit Merah and were given a briefing by Dr D Sabapathy, CEO, Bukit Merah Orang Utan Island Foundation. The question and answer sessions were used befittingly by the participants by asking questions with relation to the preservation and conservation of the orangutans.

At the end of the programme, the participants thanked the organisers for the priceless and educational experience that was gained through the programme. The participants also realised the importance of education for the indigenous communities and promised to work hard in gaining knowledge and increase in themselves the positive values needed to be educators of the indigenous peoples.

## Program Khidmat Siswa dan Jelajah 'i-play' IPGKTAA

Program Khidmat Siswa dan Jelajah 'i-play' Pusat Kecemerlangan Pedagogi Peribumi Kebangsaan Institut Pendidikan Guru Kementerian Pendidikan Malaysia ke Belum-Temengor, Hulu Perak telah berlangsung pada 19 hingga 21 Oktober 2015. Program yang dianjurkan dengan kerjasama Institut Pendidikan Guru Kampus Tengku Ampuan Afzan (IPGKTAA) ini telah melibatkan seramai 40 orang guru pelatih yang terdiri daripada siswa pendidik peribumi dan 12 orang pensyarah pengiring yang diketuai oleh Tn Hj Mohd Nordin Bin Abdullah, Timbalan Pengarah IPGKTAA.

Objektif utama penganjuran program ini adalah untuk memberi gambaran kepada Siswa Pendidik Peribumi mengenai situasi sebenar pengajaran dan pembelajaran berkonsepkan pendekatan 'belajar melalui bermain' yang melibatkan anak-anak masyarakat Orang Asli di Belum, Hulu Perak.

Antara pengisian program 3 hari 2 malam ini ialah sesi taklimat oleh Pulau Banding Foundation mengenai geografi, flora dan fauna di Hutan Simpan DiRaja Belum. Antara lain, siswa pendidik dibawa menyelusuri Tasik Temengor ke dua buah kampung Orang Asli iaitu Kg Sg Tiang dan Kg Sg Kejar. Siswa pendidik dalam sesi lawatan ini sempat menghiburkan anak-anak Orang Asli dan guru-guru perantis dengan dendangan lagu antaranya, lagu tema Pusat Kecemerlangan Pedagogi Peribumi Kebangsaan iaitu, Lagu Orang Kita serta lagu Orang Asli 'Bah Bola'. Pada hari sama, peserta turut dibawa ke Sg Mes, di Kg Sg Kejar untuk menikmati keindahan alam serta kesejukan air terjun di situ.

Sebelum mengakhiri sesi program, peserta dibawa melawat ke Pulau Orang Utan Bukit Merah dan mendengar sesi taklimat oleh Dr D Sabapathy, Ketua Pegawai Eksekutif, Yayasan Pulau Orang Utan Bukit Merah. Sesi soal-jawab di akhir program telah dimanfaatkan sepenuhnya oleh Siswa Pendidik dengan bertanyakan soalan-soalan berkenaan usaha pemuliharaan dan pemeliharaan Orangutan.

Di akhir program, siswa pendidik menyampaikan ucapan terima kasih atas penganjuran program ini yang mana berjaya memberikan mereka pengetahuan dan pengalaman yang sangat bermakna. Siswa pendidik peribumi dalam pada masa sama menyedari kepentingan pendidikan kepada masyarakat Orang Asli dan berjanji untuk menimba lebih banyak ilmu serta meningkatkan nilai-nilai sendiri yang positif sebagai seorang bakal pendidik masyarakat Orang Asli.



The participants and lecturers of IPGKTAA with the indigenous children of Kg. Sg. Kejar.

Siswa pendidik serta pensyarah IPGKTAA bersama anak-anak Orang Asli Kg Sg Kejar.



Tn Hj Mohd Nordin mingling with the indigenous children at the 'i-play' Toy Library in Kg. Sg. Tiang.

Tn Hj Mohd Nordin beramah mesra dengan anak-anak Orang Asli di Perpustakaan Permainan 'i-play' di Kg Sg Tiang.

### 'i-play' Toy Library @ Kg. Desa Damai gets a new building

The 'i-play' Toy Library (PPip, Perpustakaan Permainan 'i-play') at Kg. Desa Damai has a new face now. Prior to this, all activities of the PPip were conducted at the Desa Damai Surau belonging to the Indigenous Affairs Department (JAKOA). Now, the children at Kg. Desa Damai are able to study in a more comfortable place at the newly completed PPip building. The completion of this new building took less than two months and was readied, cleaned and fitted with needed furniture and equipment on the 12<sup>th</sup> of September 2015.

A hearty thank you goes out to all the volunteers from JTK (Human Resource Department) Perak on their tireless effort and lending of physical assistance and time, working together with the villagers of Kg. Desa Damai to set it up. The PPip was finally equipped with furniture, necessary equipment and teaching aids. A total of 12 boxes of 'i-play' toys were moved from the surau to the new building with the assistance of the villagers. On the same day, the volunteers had also sewn curtains for the surau and cleaned the surrounding area of the building.

Yayasan EMKAY and JTK had also donated food items to the villagers who helped in the moving process. The children were the most happiest as they now have a new building to study in. Classes resumed at the new building on the next day after the move.

### Perpustakaan Permainan 'i-play' @ Kg. Desa Damai mendapat bangunan baru

Perpustakaan Permainan 'i-play' (PPip) di Kg Desa Damai kini berwajah baru. Jika sebelum ini aktiviti pembelajaran dijalankan di salah satu ruangan di Surau Desa Damai milik JAKOA, kini, anak-anak Kg Desa Damai dapat belajar di dalam keadaan yang lebih selesa di bangunan sendiri. Projek pembinaan yang hanya mengambil masa kurang dari dua bulan ini telah disiapkan, dibersihkan dan dimuatkan dengan peralatan PPip pada 12hb September 2015 yang lalu.

Terima kasih diucapkan kepada sukarelawan dari Jabatan Tenaga Kerja Negeri Perak di atas sumbangan tenaga dan masa bersama-sama penduduk kampung sehingga lengkapnya penubuhan PPip. Hasil kerjasama sukarelawan, PPip telah dilengkapkan dengan perabot, peralatan dan perkakasan serta segala alat bantuan mengajar. Sebanyak 12 buah kotak permainan 'i-play' telah dipindahkan dari surau ke bangunan baru ini dengan kerjasama penduduk kampung. Di hari yang sama, sukarelawan juga bergotong-royong menyiapkan langsir untuk surau, di samping membersihkan kawasan sekitar bangunan.

Yayasan EMKAY dan Jabatan Tenaga Kerja turut menyumbang makanan kepada penduduk kampung yang sama-sama bertungkus-lumus dalam proses gotong-royong. Kanak-kanak di Desa Damai ini teramat teruja untuk meneruskan pembelajaran mereka di bangunan baharu ini. Justeru itu, kelas pertama di bangunan baharu ini dimulakan sehari selepas proses gotong-royong dijalankan.



Toy Library children helping out during the 'gotong-royong'. Anak-anak PPip membantu sesi gotong royong.



Group photo with the Commissioner of UK Scouts at 'i-play' Toy Library @ Kg. Desa Damai.

Gambar berkumpul bersama Pesuruhjaya Pengakap UK di PPip @ Kg. Desa Damai.

### 'i-play' Toy Library young volunteer's training camp

Yayasan EMKAY had organised the 'i-play' Toy Library young volunteer's training camp for the Orang Asli children from the 19<sup>th</sup>-21<sup>st</sup> September 2015. The camp saw the participation of 28 children from 3 Orang Asli primary schools and 4 Orang Asli villages in Belum-Temengor, Perak.

The main objective of the camp was to expose and train the participants to be young volunteers at the 'i-play' Toy Library in their respective schools/villages as well as build their self-confidence to socialise and communicate with participants from different ethnic tribes.

This is the third camp that has been organised thus far and has made a good impact on the participants. The last camp was organised for participants from Belum-Temengor only; where else this year, after the setting up of the new 'i-play' Toy Library in three Orang Asli schools, the students from those respective schools were also given an opportunity to participate in the 3 day 2 night camp at Bukit Merah Resort, Semangol, Perak.

This year's closing ceremony was graced by the presence of Pn. Hj Zainon Kasim, General Manager of Yayasan EMKAY. The guests were entertained by three interesting performances: 'Cuci Baju Caraku', a motivational song and a fan dance choreographed under the guidance of Pn. Hj Nornisa Sahid, the coordinator of Orang Asli Educational Programs, Belum-Temengor, Perak.

The students, teachers and volunteers/ apprentice of the 'i-play' Toy Library had gained valuable academic, physical and soft skill experience from the programme and the interactive activities that they participated in, including the visit to the 'i-play' Toy Library at SK Kampung Selamat and the visit to Orang Utan island.

### Kem Latihan Sukarelawan Muda Perpustakaan Permainan 'i-play'

Yayasan EMKAY telah menganjurkan Kem Latihan Sukarelawan Muda Perpustakaan Permainan 'i-play' untuk Kanak-Kanak Orang Asli pada 19hb – 21hb September 2015. Kem ini melibatkan penyertaan seramai 28 murid-murid/kanak-kanak Orang Asli dari 3 buah sekolah rendah Orang Asli dan dari 4 buah perkampungan Orang Asli di Belum-Temengor, Perak.

Objektif utama penganjuran program ini adalah untuk memberi pendedahan dan melatih murid-murid/kanak-kanak Orang Asli sebagai sukarelawan muda di Perpustakaan Permainan 'i-play' di sekolah/kampung masing-masing di samping membina keyakinan mereka untuk bergaul dan berkomunikasi dengan peserta dari suku kaum berbeza.

Penganjuran program kali ke-3 ini dilihat lebih memberi impak di mana kem-kem sebelum ini hanya melibatkan pembabitan kanak-kanak dari komuniti Belum-Temengor sahaja. Kini setelah Perpustakaan Permainan 'i-play' diwujudkan di 3 buah Sekolah Asli, murid-murid dari Sekolah Asli ini turut diberi kesempatan untuk terlibat sama dalam kem 3 hari 2 malam di Bukit Merah Laketown Resort, Semangol, Perak.

Majlis Penutupan ringkas telah disempurnakan oleh Pn Hj Zainon Kasim, Pengurus Besar Yayasan EMKAY. Pada majlis tersebut, para tetamu telah dipersembahkan dengan tiga persembahan menarik iaitu Cuci Baju Caraku, Lagu Semangat dan Tarian Kipas di bawah arahan koreografi oleh Pn Hj Nornisa Sahid, Penyelaras Program Pendidikan Orang Asli, Belum-Temengor, Perak.

Murid-murid Orang Asli serta guru-guru pengiring dan sukarelawan/perantis Perpustakaan Permainan 'i-play' telah memperoleh manfaat dari aspek pengetahuan akademik, fizikal dan insaniah melalui pengisian serta aktiviti interaktif termasuk sesi lawatan ke Perpustakaan Permainan 'i-play' di SK Kampung Selamat dan lawatan ke Pulau Orang Utan.



The happy faces of the participants after preparing their menu for the "Prepare to Serve" activity.

Wajah ceria peserta sejurus selesai penyediaan menu masing-masing bagi aktiviti "Prepare to Serve".



'i-play' Toy Library young volunteer's training camp group photo.

Gambar berkumpul peserta Kem Latihan Sukarelawan Muda Perpustakaan Permainan 'i-play' untuk Kanak-Kanak Orang Asli.

### Mind Transformation Workshop: 'Rhythm & Reflection'

Yayasan EMKAY organised a mind transformation workshop for the Titian SAMARA participants from the Al-Hunafa association at Bukit Merah Resort from the 3<sup>rd</sup>-5<sup>th</sup> of September 2015. The workshop consisted of 34 Form two (2) participants from two secondary schools in Port Klang, Selangor.

The main objective of the workshop was to appreciate the participants for their positive participation in the Titian SAMARA program under the Al-Hunafa association, Klang throughout the year 2015. In addition, the workshop also aimed to increase self-confidence, leadership, teamwork as well as teach the participants respect and responsibility.

This year's workshop seemed to have had a bigger impact on the participants as the approach was more relaxed, teaching of correct values as well as music based elements were also added through activities such as drum circle & R&R, tie-dye, jungle trekking, motivational and spiritual talks. These elements are seen to make a more positive change in the participants.

By the end of the program, the participants performed a song that was composed with the help of the facilitators. A representative from Al-Hunafa, Dr. Izzudin Hamzah said that this was the best workshop held to date based on the response and feedback from the participants towards the content of the workshop.

### Bengkel Transformasi Minda : 'Rhythm & Reflection'

Yayasan EMKAY telah menganjurkan Bengkel Transformasi Minda untuk Peserta Titian SAMARA, Persatuan Al-Hunafa Klang di Bukit Merah Laketown Resort pada 3hb-5hb September 2015. Bengkel ini melibatkan penyertaan seramai 34 murid-murid Tingkatan 2 dari 2 buah sekolah menengah di Pelabuhan Klang, Selangor.

Objektif utama penganjuran program ini adalah sebagai penghargaan atas penglibatan positif murid-murid dalam program Titian SAMARA kelolaan Persatuan Al-Hunafa Klang sepanjang tahun 2015. Di samping itu, ia juga bertujuan untuk menambah keyakinan diri, kepimpinan, semangat kerjasama dan mengajar mereka agar menjadi seorang yang menghormati serta bertanggungjawab.

Penganjuran program tahun ini dilihat lebih memberi impak di mana pendekatan motivasi diri secara santai, penyerapan nilai-nilai agama serta elemen muzik yang didedahkan memperlihatkan perubahan positif dalam diri murid-murid melalui sesi aktiviti seperti 'drum circle & R&R', 'tie-dye', 'jungle trekking' serta sesi motivasi dan kerohanian.

Sebelum Bengkel ini melabuhkan tirainya, peserta program mendendangkan lagu hasil ciptaan mereka dengan bantuan tenaga pengajar serta fasilitator. Wakil dari pihak Persatuan Al-Hunafa Klang, Dr Izzudin Hamzah menyatakan bahawa Bengkel ini adalah antara yang terbaik dari aspek respon dan tindakan murid terhadap pengisian bengkel yang dijalankan.



One of the participants leading the team as a music instructor during the 'Drum circle and R&R' session.

Salah seorang murid bertindak sebagai pengajar muzik dalam sesi 'Drum Circle & R&R'.



Photography session with the participants, teachers as well as secretariat of Al-Hunafa Association Klang.

Sesi foto berkumpul pelajar bersama guru pengiring serta sekretariat Persatuan Al-Hunafa Klang.



Exercise and morning activities were held at the open area at Bukit Merah Laketown Resort.

Senaman dan aktiviti pagi dijalankan di ruang legar Bukit Merah Laketown Resort.

## Tan Sri Mustapha Kamal Cup brings out the talent in young players

Yayasan EMKAY is again the main sponsor of the Tan Sri Mustapha Kamal football cup for 2015. The tournament which sees the participation of twelve clubs under 19 (years old) begun on the 17<sup>th</sup> of October and had its finale on the 18<sup>th</sup> December 2015.

In a simple event held on the 11<sup>th</sup> of October 2015, Yayasan EMKAY together with other sponsors namely Tujuan Gemilang Sdn Bhd, Nestle Products Sdn Bhd, Sports Unite, Proevents Sdn Bhd, Syarikat Perniagaan Tai Tong, F&N Beverages Marketing Sdn Bhd, Bata, and NPNG Sports Centre handed over their respective contributions. At the same event, Tan Sri Datuk (Dr.) Hj Mustapha Kamal had expressed his wish to set up an under 12 (years old) football league to produce more talents in this field.

The 8<sup>th</sup> edition of the Tan Sri Mustapha Kamal football cup saw Glenmarie rise as winners after beating MISC MIFA with a winning score of 3-2.

### Piala Tan Sri Mustapha Kamal gilap bakat pemain muda

Yayasan EMKAY sekali lagi menjadi penaja utama pertandingan Bola Sepak Piala Mustapha Kamal bagi tahun 2015. Pertandingan yang menyaksikan penglibatan sebanyak 12 buah kelab bawah 19 tahun ini telah berlangsung mulai 17hb Oktober hingga 18 Disember 2015.

Di satu majlis ringkas yang diadakan pada 11hb Oktober 2015, Yayasan EMKAY telah memberikan sumbangan tajaan bersama beberapa lagi syarikat penajaan seperti Tujuan Gemilang Sdn Bhd, Nestle Products Sdn Bhd, Sports Unite, Proevents Sdn Bhd, Syarikat Perniagaan Tai Tong, F&N Beverages Marketing Sdn Bhd, Bata, dan NPNG Sports Centre. Pada majlis sama, Tan Sri Datuk (Dr.) Hj Mustapha Kamal turut menyatakan hasrat untuk menganjurkan liga bawah 12 tahun dalam usaha melahirkan lebih ramai bakat muda.

Di akhir pertandingan edisi ke-8 ini, Kelab Glenmarie menjuarai Piala Mustapha Kamal setelah menumpaskan MISC MIFA dengan kemenangan 3-2.



YBhg Tan Sri Mustapha Kamal with the sponsors of the Tan Sri Mustapha Kamal Cup.

YBhg Tan Sri Mustapha Kamal bersama para penaja Piala Tan Sri Mustapha Kamal.



The winning team.  
Barisan pemenang.

## Teachers as catalyst in the development of Green Ranger Malaysia

Realising the importance of an education program that increases the awareness of the Malaysian diverse biodiversity among young children and youths, 43 teachers from the states of Perak, Selangor, Kuala Lumpur, Negeri Sembilan and Johor put up a night at Bukit Merah Laketown Resort to attend the National GRM Trainer Teacher's Conference 2015, which was held from the 31<sup>st</sup> of July to 1<sup>st</sup> of August 2015.

Green Ranger Malaysia's approach, which is 'boots to the ground' and fun learning have stirred the interest among school children, hence the need for the teachers/trainers to be well versed with the environment and the roles of the forests.

During the conference, the teachers were exposed to the current nature issues, conservation and preservation programs as well as exchange ideas on the programs and activities that can be carried out in their respective schools.

The two day conference was officiated by Tuan Amran bin Kamsi, Assistant Director of the Uniformed body, Club/Society and Outdoor Education, Arts and Co-curriculum Division, Ministry of Education Malaysia.

In his speech, he had urged the teachers to play an active role in developing GRM in their respective schools, especially since it has a good support from NGOs like Yayasan EMKAY and Pulau Banding Foundation, as well as consultants that run the GRM camps. He added that GRM is a comprehensive and balanced module (has academic and non - academic scope), and is holistic. It also focuses on moulding the students based on knowledgeable teaching and learning, language skills, higher order thinking skills, ethics, national identity, and is easy to follow at all times.

### Guru-guru Pemangkin Pembangunan Green Ranger Malaysia

*Menyedari kepentingan program pendidikan yang menyemai kesedaran di kalangan kanak-kanak dan remaja tentang kekayaan dan kepelbagaian bio bumi Malaysia, seramai 43 orang guru dari negeri Perak, Selangor, Kuala Lumpur, Negeri Sembilan dan Johor telah berkampung di Bukit Merah Laketown Resort untuk sesi Persidangan Guru-Guru Pelatih GRM Kebangsaan 2015 pada 31hb Julai 2015 hingga 1hb Ogos 2015.*

*Pendekatan Green Ranger Malaysia yang berkisar kepada pembelajaran melalui pengalaman ('boots to the ground'), di mana anak-anak belajar melalui penghayatan dan pengalaman ketika melakukan aktiviti mudah yang meriangkan (experiential and fun learning) telah menarik minat para pelajar untuk lebih mengenali alam sekeliling mereka, terutamanya hutan dan peranannya.*

*Antara lain, sepanjang persidangan ini, guru-guru didedahkan dengan isu-isu semasa berkaitan alam semula jadi, program-program konservasi, pemeliharaan dan pemuliharaan serta bertukar-tukar pendapat tentang program/aktiviti yang boleh dilaksanakan di sekolah masing-masing.*

*Sesi persidangan dua hari ini telah dirasmikan pembukaannya oleh Tuan Amran bin Kamsi, Penolong Pengarah, Pasukan Badan Beruniform, Kelab/Persatuan dan Pendidikan Luar, Bahagian Ko-kurikulum dan Kesenian, Kementerian Pendidikan Malaysia.*

*Beliau menyeru agar guru-guru memainkan peranan yang aktif di dalam membangunkan GRM di sekolah masing-masing, apatah lagi dengan adanya sokongan dari NGO seperti Yayasan EMKAY dan Pulau Banding Foundation, serta konsultan yang menjalankan kem-kem GRM. Beliau juga berkata GRM merupakan modul pendidikan yang komprehensif, seimbang (merangkumi akademik dan bukan akademik) dan bersifat menyeluruh (holistik). Lanya juga menjurus kepada kemenjadian pelajar, berasaskan pengajaran dan pembelajaran yang berpengetahuan, kemahiran berbahasa, kemahiran berfikir aras tinggi, beretika, beridentiti nasional dan mudah diikuti sepanjang masa.*



A group photo of the teachers and the trainers.  
*Gambar berkumpulan para guru bersama pelatih.*



The teachers working hard on their creations with recycled items, one of the activities held during the conference.  
*Para guru sedang tekun menyiapkan ciptaan mereka yang berasaskan bahan terpakai, salah satu aktiviti yang dijalankan semasa persidangan.*



Exchange of ideas and discussion session.  
*Sesi bertukar pendapat dan perbincangan.*



## The 'i-play' Toy Library at Institut Pendidikan Guru, Kampus Tengku Ampuan Afzan (IPG KTAA) is launched

The 'i-play' Toy Library (also known officially as Perpustakaan Permainan 'i-play' or PPip) at Institut Pendidikan Guru, Kampus Tengku Ampuan Afzan (IPGKTAA) was officiated by YBhg Dato' Sulaiman Wak, Rector, Teachers' Training Institute Malaysia (IPG), Ministry of Education Malaysia on the 18<sup>th</sup> August 2015. Also present at the event was former Director of the School Management Division, Ministry of Education, Dato' Mazlan Mohamad and the Director of IPGKTAA Hj Abdullah Mohd Yusoff and the Assistant Director.

This new PPip has been placed under the care of the Centre of National Indigenous Pedagogy where it will be utilised by the Indigenous teaching students and pre-school teaching students. In his speech, YBhg Dato' Sulaiman Wak had thanked Yayasan EMKAY for their eminent contribution towards upholding the education of the indigenous peoples in Malaysia.

After the ceremony, the invitees were taken to the PPip for the signing of the official plaque followed by a briefing on the facilities, modules and the contents of the PPip. The briefing was conducted by Pn. Hj Zainon Kasim, the General Manager of Yayasan EMKAY in the presence of Pn. Hj Nornisa Sahid, the coordinator of Orang Asli Educational Programs, Belum-Temengor, Perak.

## Perpustakaan Permainan 'i-play' di Institut Pendidikan Guru, Kampus Tengku Ampuan Afzan (IPG KTAA), Kuala Lipis, Pahang dirasmikan

Majlis perasmian Perpustakaan Permainan "i-play" (PPip) IPG Kampus Tengku Ampuan Afzan telah disempurnakan oleh YBhg Dato' Sulaiman Wak, Rektor, Institut Pendidikan Guru Malaysia, Kementerian Pendidikan Malaysia pada 18hb Ogos 2015. Turut hadir pada majlis tersebut ialah Mantan Pengarah Bahagian Sekolah Harian, Kementerian Pendidikan Malaysia, Ybhg Dato' Mazlan Mohamad serta Pengarah IPG Kampus Tengku Ampuan Afzan, Hj Abdullah Mohd Yusoff dan juga Timbalan Pengarah IPG KTAA.

PPip terbaru ini telah ditempatkan di bawah jagaan Pusat Kecemerlangan Pedagogi Peribumi di mana ia akan digunakan oleh siswazah pendidik Orang Asli dan siswazah pendidikan pra sekolah.

Dalam ucapan beliau, YBhg Dato' Sulaiman Wak merakamkan ucapan ribuan terima kasih kepada Yayasan EMKAY atas sumbangan yang amat membantu ke arah memartabatkan pendidikan pribumi di Malaysia.

Setelah selesainya majlis perasmian, para jemputan telah dibawa ke PPip untuk majlis menandatangani plak perasmian dan seterusnya diberikan penerangan tentang kemudahan yang terdapat di PPip serta modul dan pengisiannya. Penerangan dilaksanakan oleh Pengurus Besar Yayasan EMKAY, Pn. Hj Zainon Kasim dan dibantu oleh Pn. Hj Nornisa Sahid, Penyelaras Program Pendidikan Orang Asli, Belum-Temengor, Perak.



## Pre-launching of 4<sup>th</sup> Royal Belum Scientific

The pre-launching ceremony, the 4<sup>th</sup> Royal Belum Scientific Expedition was graced by the Honourable Datuk Ir. Haji Hamim bin Samuri, Deputy Minister of Natural Resources and Environment Malaysia on 20<sup>th</sup> August 2015 at Menara Mustapha Kamal, Damansara Perdana. The ceremony was organized as part of the outreach and promotional activities to announce to the public on one of the major activities that Pulau Banding Foundation (PBF) is undertaking in 2015; 'The 4th Royal Belum Scientific Expedition' scheduled from 7<sup>th</sup> – 17<sup>th</sup> September 2015.

In his speech, the Honorable Deputy Minister mentioned that his Ministry welcomes and supports this important expedition into Sg. Tiang and Sg. Kejar basins of Royal Belum Rainforest. This event is to inform the public of PBF's efforts to understand our natural heritage and to continue to protect and preserve it. He reiterated that with such information, we can develop species specific conservation programme and also develop ecotourism products to attract visitors to these forests. He also stressed the fact that this forest has a real potential for new active compounds from the flora and fauna as drug candidates. A large number of pharmaceutical products in the market have their base source from plants compounds. This pristine forest will be a real treasure house for new compounds to be found and in line with the National Key Economic Areas (NKEA) under the Agriculture Entry Point Project (EPP) 1: High Valued Herbal Products that is targeting a Gross National Income (GNI) of RM2,213.9 million by year 2020 and 1,822 jobs to be created.

## Majlis Pra-pelancaran Ekspedisi Sainifik Royal Belum ke-4

Majlis pra-pelancaran Ekspedisi Sainifik Royal Belum ke-4 telah disempurnakan oleh YBhg Datuk Ir. Haji Hamim bin Samuri, Timbalan Menteri Sumber Asli dan Alam Sekitar pada 20hb Ogos 2015 di Menara Mustapha Kamal, Damansara Perdana. Majlis ini diadakan sebagai sebahagian usaha mempromosi dan mewartakan kepada orang awam tentang salah satu program terbesar Pulau Banding Foundation (PBF) pada tahun 2015, iaitu Ekspedisi Sainifik Royal Belum ke-4 yang telah dijadualkan berlangsung dari 7-17 September 2015. Dalam ucapannya, YBhg Datuk menyatakan kementerriannya menyokong sepenuhnya ekspedisi penting ini ke lembah Sg. Tiang dan Sg. Kejar di Hutan Hujan Diraja Belum ini. Majlis ini turut bertujuan untuk memaklumkan kepada umum tentang usaha PBF di dalam memahami warisan alam semulajadi kita dan sekaligus meneruskan usaha memelihara dan memuliharkannya. Beliau turut menegaskan bahawa dengan maklumat yang dikumpul, kita akan dapat menjalankan program konservasi spesies yang spesifik dan membangunkan produk eko-pelancongan untuk menarik pelancong ke hutan-hutan ini. Beliau juga yakin bahawa hutan ini mempunyai potensi untuk menghasilkan kompaun aktif baru dari flora dan fauna sebagai bahan ubatan. Sebahagian besar produk farmaseutikal di pasaran mempunyai sumber asas dari kompaun tumbuhan. Hutan merupakan khazanah untuk penemuan kompaun baru dan selaras dengan Bidang Ekonomi Utama Negara (NKEA) di bawah projek kemasukan agrikultur (EPP) 1: Produk herba bernilai tinggi yang menyasarkan Pendapatan Negara Kasar (GNI) sebanyak RM2,213.9 juta pada tahun 2020 dan kewujudan sebanyak 1,822 peluang pekerjaan.



Honourable Datuk Ir. Haji Hamim bin Samuri and VIPs during the launch event.

YBhg Datuk Ir. Haji Hamim bin Samuri bersama VIP ketika majlis perasmian.



Expedition team at the Sg. Tiang Base Camp | *Kumpulan ekspedisi di Kem Pangkalan Sg. Tiang.*



Tagging of new flowering plant.  
*Menanda tumbuhan berbunga baru.*



Night briefing and discussion.  
*Sesi taklimat dan sesi perbincangan pada waktu malam.*

### The 4<sup>th</sup> Royal Belum Scientific Expedition

In collaboration with Perbadanan Taman Negeri Perak (PTN), PBF has successfully organized the 4<sup>th</sup> Royal Belum Scientific Expedition from 7<sup>th</sup> – 17<sup>th</sup> September 2015. Prior to this expedition there were 3 other scientific studies being done in Royal Belum Rainforest. The first was conducted by the Malaysian Nature Society (MNS) in 1998 followed by the Department of Wildlife Perak in July 2011 and finally by the Forestry Department Peninsular Malaysia and Perak State Forestry Department in July 2013. In the 1998 expedition, MNS had managed to cover only Sg. Tebuan area of Royal Belum and the expedition was joined by a team of 44 members comprising of 13 research teams and other staff.

This time the expedition covered an area of 2500 hectares around Sg. Kejar and Sg. Tiang Basin which form the heart of 117,500 hectares of the Royal Belum Forest. The main purpose of this expedition is to establish new inventory of flora and fauna in these 2 main areas.

A total of 217 team members comprising of 125 research team and 92 support staff participated in the expedition. The research team comprised of scientists and assistant scientists from 9 local private and government universities (USM, UKM, UM, UPM, UTM, UMP, UiTM, UMK and UNISEL), 2 research institutions (FRIM and MARDI), 1 government agencies (PERHILITAN) and 1 NGO (MNS). The study areas focused were flowering plant, fungi, medicinal plant, mammals, birds, herpetofauna, insects, fish, geology and hydrology.

The PTN facilities at Sg. Kejar and Sg. Tiang were used as base camps for the 10 day expedition. With the assistance of Rainwalker Ecosystem Sdn. Bhd, 8 trails were prepared for both base camps for the expedition. The distance of each trail ranges from 2 to 11 km long and each track has its own unique biodiversity and features to suit the above study areas.

The expedition was fully sponsored by PBF with a total cost of approximately RM750,000. Despite encounters with wild animals in few trails, the 10 day expedition into the Royal Belum Forest was successful. This time the expedition was challenging but interesting. With the consent of PTN, scientists managed to bring back interesting specimens collected from the trails for further analysis and investigation.

### Ekspedisi Sainifik Royal Belum ke-4

Pulau BANDING FOUNDATION (PBF) dengan kerjasama Perbadanan Taman Negeri Perak (PTN) telah dengan jayanya menganjurkan Ekspedisi Sainifik Royal Belum yang ke-4 pada 7-17 September 2015. Tiga ekspedisi seumpamanya telah dijalankan di Hutan Hujan Royal Belum sebelum ini. Ekspedisi yang pertama telah dijalankan oleh Malaysian Nature Society (MNS) pada 1998 dan diikuti oleh Jabatan Perlindungan Hidupan Liar Perak pada Julai 2011 dan yang terakhir oleh Perbadanan Taman Negeri Perak pada Julai 2013. Pada ekspedisi tahun 1998, MNS hanya dapat meliputi kawasan Sg. Tebuan di Royal Belum di mana ekspedisi ini telah disertai oleh 44 ahli 13 pasukan penyelidik dan kakitangan lain.

Ekspedisi ke-4 ini melibatkan kawasan seluas 2500 hektar di sekitar lembah Sg. Kejar dan Sg. Tiang yang membentuk 117,500 hektar Hutan Royal Belum. Tujuan utama ekspedisi ini dijalankan adalah untuk mewujudkan inventori baru flora dan fauna di dua kawasan utama ini.

Seramai 217 orang ahli yang terdiri daripada 125 kumpulan penyelidik dan 92 orang kakitangan sokongan telah menyertai ekspedisi kali ini. Kumpulan penyelidik ini terdiri daripada saintis dan pembantu saintis dari sembilan buah universiti swasta dan awam (USM, UKM, UM, UPM, UTM, UMP, UiTM, UMK dan UNISEL), dua institusi penyelidikan (FRIM dan MARDI), sebuah agensi kerajaan (PERHILITAN) dan NGO (MNS). Ekspedisi ini memberi fokus pada bidang kajian tumbuhan berbunga, fungi, tumbuhan perubatan, mamalia, burung, 'herpetofauna', serangga, ikan, geologi dan hidrologi.

Fasiliti PTN di Sg. Kejar dan Sg. Tiang digunakan sebagai kem pangkalan sepanjang ekspedisi 10 hari tersebut. Dengan bantuan pihak Rainwalker Ecosystem Sdn. Bhd., lapan laluan telah disediakan untuk kedua-dua kem pangkalan. Jarak setiap laluan adalah di antara 2km hingga 11km dan setiap laluan mempunyai keunikan biodiversiti yang tersendiri untuk kajian yang telah dirancang.

Ekspedisi ini telah ditaja sepenuhnya oleh PBF dengan perbelanjaan yang dianggarkan sebanyak RM 750,000. Walaupun terdapat pertemuan dengan haiwan liar di beberapa laluan, ekspedisi sepuluh hari ini telah berjalan dengan jayanya. Ekspedisi kali ini sememangnya mencabar, tetapi amat menarik. Dengan kebenaran dari pihak PTN, para saintis telah dapat membawa keluar beberapa spesimen yang menarik yang telah dikumpul dari laluan-laluan untuk analisa dan penyiataan lanjut.

## Launching of Belum Discovery Centre (BDC)

Belum Discovery Centre (BDC), originally known as PBF Interpretative Centre was launched on 16<sup>th</sup> October 2015. The occasion was graced and officiated by Tan Sri Datuk (Dr.) Hj. Mustapha Kamal bin Hj. Abu Bakar, Advisor and Founder of Pulau Banding Foundation and Ms. Caroline Christine Russell, Governing Council Member, Yayasan Sime Darby (YSD).

The Centre built with a unique open space and energy efficiency concept costs about RM1.8 million and was completed in October 2014. YSD has extended its support amounting to RM806,520 to cover the cost of BDC's infrastructure and building works. The Prime Minister's Department supported the balance of the building cost. It was only in January 2015 that BDC was open to the public.

The newly opened Belum Discovery Centre (BDC), located on Pulau Banding in the Belum-Temengor Forest Complex, will play a pivotal role in educating visitors (local and foreign) of all ages about nature and environmental stewardship with the aim of inspiring a sense of appreciation and understanding about the value of nature and biodiversity. BDC will provide experiential environmental and biodiversity education activities for the public, targeting especially at the pre-school, primary and secondary level as well as university students. More than just a museum, BDC is a hands-on learning centre that encourages touching, feeling, picking up and handling of the exhibits.

BDC offers an open and interactive exhibit area where visitors can learn more about the flora and fauna and rainforest eco-systems, both terrestrial and aquatic, that are found in our rainforests especially within the Royal Belum and Temengor areas. BDC also acts as a focal point in promoting the entire existing ecotourism products in this region.

Hopefully BDC will act as a national resource centre for Malaysian rainforests where researchers, conservationists, academicians, scientists or anyone interested can utilise the collated data and collective expertise, instead of going through the challenges of setting up separate interpretative centres when BDC is already available as a key depository. BDC could be identified as one of the six Rainforest Discovery Centres that the Government plans to establish under NKEA EPP on Tourism.

Located along the East-West Highway, BDC is easily accessible by road and strategically placed right next to the Pulau Banding Rainforest Research Centre and near to the 4-star Belum Rainforest Resort. A short 10-minute boat ride will also take visitors to the Belum Adventure Camp, that caters for programmes in creating and strengthening awareness for the sustainability of the rainforest. BDC is also located next to the public jetty which is under construction and expected to be ready by middle of 2016. Visitors going to Belum-Temengor Forest through this public jetty are encouraged to visit BDC to get first-hand information about the forest complex. Belum Discovery Centre is open to the public from 9 am to 6 pm daily.



Ms. Caroline Christine Russell, Governing Council Member, Yayasan Sime Darby (YSD) with YBhg Tan Sri Datuk (Dr.) Hj. Mustapha Kamal, Advisor, Pulau Banding Foundation launching the BDC.

Ms. Caroline Christine Russell, Ahli Majlis Pentadbir Yayasan Sime Darby (YSD) bersama YBhg Tan Sri Datuk (Dr.) Hj. Mustapha Kamal, Penasihat, Yayasan Pulau Banding merasmikan BDC.



The interior and exterior of BDC.  
Persekitaran BDC.

## Pelancaran Belum Discovery Centre (BDC)

Belum Discovery Centre (BDC) yang sebelum ini dikenali sebagai PBF Interpretative Centre telah dirasmikan pada 16hb Oktober 2015. Majlis perasmian telah disempurnakan oleh YBhg Tan Sri Datuk (Dr.) Hj. Mustapha Kamal bin Hj. Abu Bakar, Penasihat dan Pengasas Pulau Banding Foundation dan Ms. Caroline Christine Russell, Ahli Majlis Pentadbir Yayasan Sime Darby (YSD).

Pusat yang dibina dengan ruang legar terbuka yang unik dan berkonsepkan penjimatan tenaga ini bernilai RM1.8 juta dan siap dibina pada Oktober 2014. YSD telah menyumbang sebanyak RM806,520 untuk menampung kos pembinaan dan infrastruktur pusat ini. Kos selebihnya ditanggung oleh Jabatan Perdana Menteri. Pusat ini telah dibuka kepada orang ramai mulai Januari 2015.

Pusat baru ini yang terletak di Pulau Banding, di Kompleks Hutan Hujan Belum-Temengor akan memainkan peranan penting dalam memberi maklumat kepada para pelawat (dari dalam dan luar negara) dari semua peringkat umur tentang alam sekitar dan pengurusan alam, dengan objektif untuk memberi inspirasi serta penghargaan dan pemahaman tentang nilai alam semulajadi dan biodiversiti. BDC akan memberi para pelawat ilmu alam sekitar dan biodiversiti yang berasaskan pengalaman, dengan memberi fokus kepada para pelajar pra-sekolah, sekolah rendah dan menengah serta pelajar universiti. BDC merupakan lebih dari sebuah muzium. Ia mengalakkan para pelawat menyentuh, merasa, mengambil dan mengendalikan bahan pameran.

BDC menawarkan ruang pameran terbuka yang interaktif di mana para pelawat dapat mempelajari tentang flora dan fauna dan eko-sistem hutan hujan, kedua-dua, daratan dan juga akuatik yang terdapat di hutan hujan negara kita terutamanya di kawasan Royal Belum. BDC juga menjadi tumpuan utama dalam mempromosi semua produk eko-pelancongan yang terdapat di kawasan ini.

BDC diharap menjadi pusat informasi kebangsaan di mana para penyelidik, konservasionis, akademik, saintis mahupun sesiapa yang berminat boleh menggunakannya untuk tujuan mengumpul data dan kepakaran kolektif dan tidak perlu melalui cabaran untuk menubuhkan sebuah pusat baru. BDC boleh dikira sebagai salah satu daripada enam Pusat Penemuan Hutan Hujan yang telah dirancang oleh kerajaan untuk ditubuhkan di bawah NKEA EPP Pelancongan.

**Coffee Morning Talk to International Women Association (IWA)**

A Coffee Morning Talk session was held at the Macalister Mansion, Penang on 8<sup>th</sup> July 2015. Dr. D.Sabapathy was invited to make a presentation to the International Women Association (IWA) whose members carry out various conservation activities. The presentation included discussions on collaboration activities that can be carried out between the IWA and Bukit Merah Orang Utan Island Foundation (BMOUIF).

The members who hail from various countries including Britain, Australia, India, Indonesia, Brazil and U.S.A, showed keen interest in the activities that have been carried out by BMOUIF.

A booth was also set up at Macalister Mansion to promote BMOUIF's books and souvenirs to the members of IWA.

**Sesi perbincangan 'Coffee Morning' kepada Persatuan Wanita Antarabangsa (IWA)**

Satu sesi perbincangan 'Coffee Morning' telah diadakan di Macalister Mansion, Pulau Pinang pada 8hb Julai 2015 di mana Dr. D. Sabapathy telah dijemput untuk memberi taklimat kepada Persatuan Wanita Antarabangsa [International Women Association (IWA)]. Ahli-ahli IWA ini aktif di dalam pelbagai aktiviti konservasi. Taklimat yang diberikan turut memuatkan sesi perbincangan tentang aktiviti-aktiviti kolaborasi yang boleh diusahakan bersama antara IWA dan Bukit Merah Orang Utan Island Foundation (BMOUIF).

IWA mempunyai ahli dari pelbagai negara termasuk Britain, Australia, India, Indonesia, Brazil dan U.S.A dan mereka telah menunjukkan minat yang mendalam terhadap aktiviti-aktiviti yang dijalankan oleh BMOUIF.

Kaunter sempena majlis tersebut juga telah dibuka di Macalister Mansion untuk mempromosikan buku-buku serta cenderahati BMOUIF kepada ahli-ahli IWA.



Members of IWA listening to Dr. D.Sabapathy talk. Ahli-ahli IWA khusyuk mendengar taklimat Dr. D.Sabapathy.



Author's biography session Sesi menandatangani oleh penulis.

**Educational Programme 1 | Program Pendidikan 1**

**Maldives group of students**

A group of 40 students attended this half day program that was held on the 2<sup>nd</sup> of September 2015. The group, consisting of pre-university students were taken on a tour around the island and was briefed on the conservation activities by Dr. D.Sabapathy.

**Kumpulan pelajar dari Maldives**

Sekumpulan 40 orang pelajar dari Maldives telah menyertai program separuh hari ini yang diadakan pada 2hb September 2015. Kumpulan yang terdiri daripada pelajar pra- universiti ini telah dibawa mengelilingi pulau dan diberi taklimat tentang aktiviti-aktiviti konservasi yang dijalankan di Pulau Orang Utan oleh Dr. D.Sabapathy.



Guest Service Officer briefing the Maldives students at the tunnel regarding the conservation of orangutan during the tour. Kakitangan OUI memberi taklimat kepada para pelajar tentang konservasi orangutan semasa lawatan.

**Educational Programme 2 | Program Pendidikan 2**

**Destination Perak**

The first awareness programme for corporate bodies was conducted on 11<sup>th</sup> September 2015 for Destination Perak. It was a half day program which consists of various conservation activities and talks. A total of 35 staffs of the said organisation attended the program.

**Destinasi Perak**

Program kesedaran untuk badan korporat yang pertama telah diadakan pada 11hb September 2015 untuk kumpulan dari Destinasi Perak. Program separuh hari ini memuatkan pelbagai aktiviti konservasi dan sesi taklimat. Seramai 35 kakitangan dari organisasi tersebut telah mengambil bahagian dalam program ini.



Staff of Destination Perak engaged in conservation and team building activities. Kakitangan Destination Perak semasa aktiviti konservasi dan aktiviti 'team building'.

## International Women Association (IWA) visits BMOUIF

A follow up from the coffee morning talk saw members of the International Women Association (IWA) make an official visit to Bukit Merah Orang Utan Island Foundation (BMOUIF) on the 14<sup>th</sup> of August 2015.

The guests were welcomed by YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal, the Chairman of BMOUIF who gave the opening speech on that day. Various activities were conducted at the OUI during their visit. Among others were the tree planting ceremony to mark the visit of IWA, before the guests adjourned to lunch hosted by BMOUIF.

### Persatuan Wanita Antarabangsa (IWA) melawat BMOUIF

Lanjutan dari sesi perbincangan 'Coffee Morning', ahli-ahli Persatuan Wanita Antarabangsa [International Women Association (IWA)] telah mengadakan lawatan ke Pulau Orang Utan Bukit Merah pada 14hb Ogos 2015.

Para pelawat telah disambut oleh YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal, Pengerusi BMOUIF yang juga telah memberikan kata-kata aluan dan ucapan pembukaan. Pelbagai aktiviti telah diadakan semasa lawatan tersebut. Majlis menanam pokok juga telah diadakan sebagai salah satu aktiviti menandakan kehadiran IWA di Pulau Orang Utan. Para pelawat telah disajikan makan tengahari selepas majlis penanaman pokok tersebut.



Group photograph with YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal. Para pelawat dari IWA bersama YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal.



The chairman of BMOUIF, YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal receiving a certificate from the IWA representative, Datin Yoon Wei Lin. Pengerusi BMOUIF YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal menerima sijil dari wakil IWA, Datin Yoon Wei Lin.



Members of (IWA) participating in the tree planting. Para pelawat mengambil bahagian dalam aktiviti penanaman pokok.

## Orangutan Awareness Walk Programme

The Orangutan Awareness Walk Programme was held at the Taiping Lake Garden, Perak on the 7<sup>th</sup> of November 2015 by Bukit Merah Orang Utan Island Foundation (BMOUIF). The event which was graced by YB Dr Hj. Noor Azmi bin Hj. Ghazali, Member of Parliament, Bagan Serai, Pn. Hjh. Felina Tan Sri Datuk Hj Mustapha Kamal, Mr K.Mohanachandran, member of the Board of Trustees, Yayasan Pulau Orang Utan Bukit Merah and En Rahmat bin Ismail, Director, Human Resource Department, Perak, aimed to create awareness of the extinction of the orangutans and to educate the general public on the conservation efforts taken, especially by BMOUIF.

A total of 1,500 participants including three schools took part in the 3.5km walk. Various booths were also setup by different organization during this event.

### Program Berjalan kaki untuk mewujudkan kesedaran tentang orangutan

Program berjalan kaki untuk meningkatkan kesedaran tentang orangutan telah diadakan di Taiping Lake Garden, Perak pada 7hb November 2015 anjuran Yayasan Orang Utan Pulau Bukit Merah (YPOUBM). Program yang telah diserikan dengan kehadiran YB Dr Hj. Noor Azmi bin Hj. Ghazali, Ahli Parlimen Bagan Serai, Pn. Hjh. Felina Tan Sri Datuk Hj Mustapha Kamal, En. K. Mohanachandran, ahli Lembaga Pemegang Amanah Yayasan Pulau Orang Utan, Bukit Merah dan En Rahmat bin Ismail, Pengarah Jabatan Tenaga Kerja Perak bertujuan untuk mewujudkan kesedaran tentang spesies orangutan yang kian pupus, di samping bertujuan untuk mendidik orang ramai tentang langkah-langkah konservasi yang telah dilaksanakan, terutamanya oleh YPOUBM

Seramai 1,500 peserta termasuk wakil dari tiga buah sekolah telah mengambil bahagian di dalam perjalanan sejauh 3.5km ini. Kewujudan pelbagai gerai pameran oleh pelbagai organisasi juga telah mewarnai acara sehari ini.



The Chairman of BMOUIF, YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal launching the Orangutan Awareness Walk Program. Pengerusi BMOUIF YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal merasmikan program 'Orangutan Awareness Walk'.



YB Dr Hj. Noor Azmi bin Hj. Ghazali, Pn Hjh. Felina binti YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal and Mr K.Mohanachandran officiating the Orangutan Awareness Walk. YB Dr Hj. Noor Azmi bin Hj. Ghazali, Pn. Hjh. Felina binti YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal dan En. K. Mohanachandran semasa upacara perasmian.

**Penang Roadshow**

Bukit Merah Orang Utan Island Foundation (BMOUIF) who is known as an active education and research organization involving educational programme for kindergarten, primary, secondary school and colleges and universities has embarked on a roadshow programme to Penang.

It has recently organised a major roadshow in Gurney Plaza, Queensbay Mall, Paragon Mall and Batu Ferringhi Beach, Penang.

Teachers, students and the general public from all walks of life has shown keen interest in the Educational Programme. The marketing team also conducted roadshows in individual schools; namely SJK (C) Aik Hua, Penang Free School, Penang Chinese Girls School, Methodist Girls School Primary, ST. Xavier 1 and SJK (T) Azad Penang, as part of its overall programme.

**Pameran bergerak ke Pulau Pinang**

Bukit Merah Orang Utan Island Foundation (BMOUIF) memainkan peranan yang aktif sebagai sebuah institusi pendidikan dan penyelidikan, yang merangkumi program-program pendidikan bagi kumpulan pelajar-pelajar taska, tadika, sekolah rendah dan menengah serta kolej dan universiti.

BMOUIF sering mengadakan pameran bergerak di lokasi-lokasi di luar Perak dan baru-baru ini satu pameran bergerak besar-besaran telah diadakan di Gurney Plaza, Queensbay Mall, Paragon Mall dan Batu Ferringi, Pulau Pinang.

Pameran bergerak yang berbentuk pendidikan ini telah mendapat sambutan yang amat baik dari kumpulan sasaran. Kakitangan pemasaran OUIF juga telah mengadakan pameran bergerak di sekolah-sekolah SJK (C) Aik Hua, Penang Free School, Penang Chinese Girls School, Methodist Girls School Primary, ST Xavier 1 dan SJK (T) Azad Penang.



Students and teachers from Penang Free School together with BMOUIF marketing team.

Para pelajar dan guru dari Penang Free School bersama kakitangan pemasaran OUIF.



Students actively involved in question and answer session with marketing team of BMOUIF.

Penglibatan aktif para pelajar semasa sesi soal jawab dengan kakitangan pemasaran OUIF.

**Veterinary Medicine Workshop**

Bukit Merah Orang Utan Island Foundation (BMOUIF) organised a veterinary workshop for the 3<sup>rd</sup> to 5<sup>th</sup> year veterinary students of Universiti Putra Malaysia (UPM) on the 6<sup>th</sup> of July 2015. The workshop which was led and conducted by Dr. D. Sabapathy gave students a hands-on experience with the orangutan. The one day workshop consisted of both local and foreign students.

**Bengkel perubatan veterinerary**

Bukit Merah Orang Utan Island Foundation (BMOUIF) telah mengadakan bengkel untuk para pelajar veteriner tahun 3 hingga 5 dari Universiti Putra Malaysia (UPM) pada 6hb Julai 2015. Bengkel yang dikendalikan oleh Dr. D. Sabapathy ini telah memberi peluang kepada para pelajar memimba ilmu dan pengalaman serta belajar tentang orangutan. Bengkel satu hari in telah disertai oleh pelajar-pelajar dari dalam dan luar negara.



Dr. D.Sabapathy together with the veterinary students at the workshop.

Dr. D. Sabapathy bersama para pelajar yang hadir ke bengkel.



Live demonstration at the workshop.

Demonstrasi langsung semasa bengkel dijalankan.

## YB Dato' Nolee visits OUI

On 30<sup>th</sup> May 2015, Yang Berhormat Dato' Nolee Ashilin binti Mohammed Radzi, Perak Health, Tourism and Culture Committee Chairman had visited the Bukit Merah Orang Utan Island (OUI). She was accompanied by the Chairman of OUIF, Tan Sri Datuk (Dr) Hj Mustapha Kamal and YB Dr Hj Noor Azmi bin Hj. Ghazali, Member of Parliament, Bagan Serai. During the visit, YB Dato' Nolee was briefed by Dr. D.Sabapathy of the future direction of OUIF and its roles as an education and research centre.

### Lawatan YB Dato' Nolee Ashilin Mohammed Radzi ke POU

YB Dato' Nolee Ashilin, Pengerusi Jawatankuasa Kesihatan, Pelancongan dan Kebudayaan Negeri Perak telah melawat ke Pulau Orang Utan Bukit Merah (OUI) pada 30hb Mei 2015. Beliau telah diiringi oleh Pengerusi OUIF, YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal dan YB Dr Hj Noor Azmi bin Hj. Ghazali ahli parlimen Bagan Serai. Sepanjang lawatan, beliau telah diberi penerangan oleh Dr. D.Sabapathy tentang arah tuju masa hadapan OUIF serta peranan OUIF sebagai sebuah institusi pendidikan dan penyelidikan.



A symbolic ceremony - YB Dato' Nolee Ashilin planting a tree at OUI. Majlis penanaman pokok oleh YB Dato' Nolee semasa lawatan beliau.



YB Dato' Nolee getting to know one of the residence at OUI. YB Dato' Nolee berkenalan dengan orangutan di OUI.

## GRM CAMPS SECOND QUARTER OF 2015

**Date:** 11-13 September 2015

**Level:** Navigator

**School:** Kolej Vokasional Pertanian Kuala Kangsar



**Date:** 18-10 September 2015

**Level:** Navigator

**School:** SMK Sri Utama





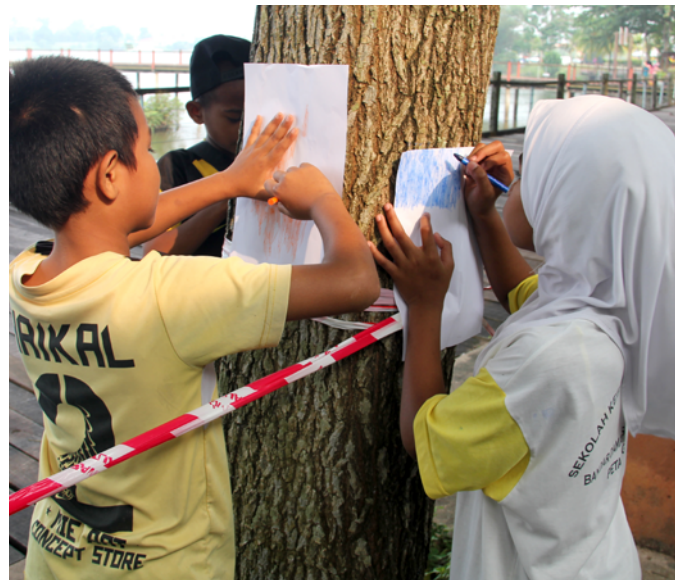
**Date:** 7-9 August 2015  
**Level:** Hornbill  
**School:** Sekolah Bimbingan Jalanan Kasih



**Date:** 30 September - 2 October 2015  
**Level:** Hornbill  
**School:** 10 Schools from Perak



**Date:** 9-11 October 2015  
**Level:** Hornbill  
**School:** Sekolah Kebangsaan Bukit Lanjan





## KITE 2015

Realising the importance of an education program that create the awareness on the importance of the earth's biodiversity in the younger generation, yet another scientific expedition had been organised from the 22<sup>nd</sup>-26<sup>th</sup> of November 2015 by Green Ranger Malaysia (GRM). The program which has been named Kids for Temengor Expedition (K.I.T.E) 2015 was held at Belum Adventure Camp and Belum Rainforest Resort, Pulau Banding, Gerik, Perak.

The program which had been organised for the second time is an expedition camp at the Temengor forest. The 5-day expedition saw participation of 100 students and teachers from twenty schools around Malaysia including the state of Labuan. Among others, the program aims to instill the love towards Mother Nature and to recognize the importance of conserving and preserving our forest. In addition, the program aims to encourage students to be curious in all areas. Students and teachers conducted an experiment throughout the program, which includes the study of insects, study of the quality water cycle, Rafflesia, identifying plants and aquatic fauna, and mammals study (using camera traps).

The program was officially launched by Dato' Hj Ahmad Tajuddin bin Jab, Deputy Director of Education (Operations), Ministry of Education. Also present were the Director of Co-Curriculum and Arts Department, Pn. Hj Rozainum bt Ahmad, Chairman of Pulau Banding Foundation and Yayasan Pulau Orang Utan Bukit Merah, YBhg Prof. Emeritus Dato' Dr Abdul Latif bin Mohamad, CEO of Pulau Banding Foundation, Dato' Dr. Abdul Rashid Bin Abdul Malik and Pn. Hj Zainon Kasim, GRM committee member, who also represented the GRM founder, Tan Sri Datuk (Dr) Hj Mustapha Kamal bin Hj Abu Bakar. Dato' Tajuddin together with the guest of honor and other GRM Committee members also flagged the participants in a simple, yet lively ceremony.

Dato' Tajuddin in his speech said that even if the approach is fun for the students, Green Ranger Malaysia program objectives are focused on the delivery of science, ecology, conservation and bio-diversity. At the same time, GRM implements the spirit of teamwork, leadership, social, safety and proficiency in the external environment. The presence of the scientists who are experts in their field and serve as mentors during the expedition will be beneficial to the KITE participants this year.

The closing ceremony was officiated by Profesor Emeritus Dato' Dr. Abdul Latif bin Mohammad, Chairman of Pulau Banding Foundation. The students and teachers were presented with certificates for their participation in this year's event. Prizes were also awarded to the winning teams for the quizzes and games that was held during the camp. Since its inception in 2011, a total of 38 Green Ranger Malaysia camps has conducted and has been well received by all levels of participants. To date, more than 2,000 participants from over 111 schools and institutions have participated in the Green Ranger Malaysia camp. The participants had given indications that the camp which gives knowledge on the environment is very beneficial to children and young adults.



The flagging off of participants by the guests of honour and GRM committee members after the opening ceremony.

*Upacara pelepasan para peserta oleh tetamu-tetamu kehormat dan ahli-ahli GRM pusat selepas majlis perasmian.*

## KITE 2015

*Menyedari kepentingan program pendidikan yang menyemai kesedaran di kalangan kanak-kanak dan remaja tentang kekayaan dan kepelbagaian bio bumi Malaysia, satu lagi kem ekspedisi telah dilaksanakan pada 22hb – 26hb November 2015 oleh Green Ranger Malaysia (GRM). Program yang diberi nama, Kids for Temengor Expedition (K.I.T.E) 2015 telah dijalankan di Belum Adventure Camp dan Belum Rainforest Resort, Pulau Banding, Gerik, Perak.*

*Program tahun kedua ini merupakan kem ekspedisi para pelajar di Hutan Temengor. Ekspedisi lima (5) hari ini disertai oleh seramai 100 orang pelajar dan guru pengiring dari 20 buah sekolah dari seluruh negara termasuk sebuah sekolah dari Wilayah Persekutuan Labuan.*

*Antara lain, program ini bertujuan untuk menanam rasa cinta pada alam semulajadi dan mengetahui tentang kepentingan memelihara dan memulihara hutan Malaysia. Selain itu, program ini juga bertujuan untuk menggalakkan para pelajar bersikap ingin tahu di dalam semua bidang. Para pelajar dan guru pengiring dari setiap sekolah telah menjalankan satu tugasan kajian sepanjang program ini. Antara kajian yang ditugaskan adalah kajian tentang serangga, kajian kualiti dan kitaran air, bunga Rafflesia, mengenalpasti tumbuhan dan kajian fauna akuatik dan mamalia (menggunakan perangkap kamera).*

*Program ini telah dirasmikan pembukaannya oleh YBhg Dato' Hj Ahmad Tajudin bin Jab, Timbalan Ketua Pengarah Pelajaran Malaysia (Operasi Pendidikan), Kementerian Pendidikan Malaysia. Turut hadir pada hari tersebut ialah Pengarah Bahagian Ko-Kurikulum dan Kesenian, Kementerian Pendidikan Malaysia, Puan Hj Rozainum bt Ahmad, Pengerusi Pulau Banding Foundation dan Yayasan Pulau Orang Utan Bukit Merah, YBhg Prof. Emeritus Dato' Dr Abdul Latif bin Mohamad, Ketua Pegawai Eksekutif Pulau Banding Foundation, Dato' Dr. Abdul Rashid Bin Ab Malik dan Pn Hj Zainon Kasim, Ahli Jawatankuasa Pusat GRM, yang juga mewakili Pengasas GRM, YBhg Tan Sri Datuk (Dr) Hj Mustapha Kamal bin Hj Abu Bakar. YBhg Dato' Tajudin dan tetamu kehormat serta AJK Pusat GRM yang lain turut melepaskan para peserta di dalam satu majlis ringkas, namun meriah.*

*YBhg Dato' Tajudin berpendapat bahawa walaupun pendekatannya berbentuk keriang, namun matlamat program Green Ranger Malaysia lebih menjurus kepada penyampaian ilmu sains, ekologi, pemuliharaan dan bio-diversiti dan pada masa yang sama menerapkan semangat kerja berpasukan, kepimpinan, sosial, keselamatan dan kemahiran berada di persekitaran luar. Kehadiran para saintis yang pakar dalam bidang masing-masing dan bertindak sebagai mentor sepanjang ekspedisi dapat memberi manfaat kepada para peserta KITE pada tahun ini.*

*Upacara penutupan pula dirasmikan oleh Profesor Emeritus Dato' Dr. Abdul Latif bin Mohammad, Ketua Pegawai Eksekutif Pulau Banding Foundation. Pada majlis yang sama, sijil penyertaan telah diberikan kepada para peserta atas penyertaan mereka dalam ekspedisi tahun ini. Hadiah-hadiah juga telah diberikan kepada kumpulan-kumpulan yang telah memenangi sesi kuiz dan permainan yang diadakan sepanjang kem tersebut.*



KITE 2015 participants.

*Para peserta KITE 2015.*

oleh setiap peringkat peserta. Sehingga kini, lebih dari 2,000 orang peserta dari lebih 111 buah sekolah dan institusi telah menyertai kem Green Ranger Malaysia. Rata-rata para peserta telah memberi petunjuk bahawa kem sebegini yang memberi ilmu mengenai alam sekitar adalah amat berguna kepada kanak-kanak dan golongan muda.



Nature photography.  
Sesi fotografi alam semula jadi.



Jungle Flying Fox.  
'Flying Fox' meredah hutan.



Jungle trekking activity.  
Aktiviti menjelajah hutan.

## Environmental Camp and Carnival 2015

Green Ranger Malaysia celebrated the World Environment Day 2015 by organising an Environmental Camp and Carnival from the 23<sup>rd</sup>-24<sup>th</sup> October 2015. The event which was held at SMK Sungkai, Perak was participated by 150 secondary and primary school students from the states of Perak, Selangor, Kuala Lumpur and Pahang.

Many interesting activities were carried out during the two day event. Among them were colouring and drawing contests, poetry declamation, environmental booths, quizzes and mini garden contest. The environmental camp was carried out for two days while the carnival was held on the second day and was open to the schools and general public around SMK Sungkai.

The host, SMK Sungkai had won second place for the mini garden contest and had their garden officiated on the 24<sup>th</sup> of October 2015.

Overall, the camp and carnival was a success and the organisers would like to thank all who were involved in making the event a success.

## Kem dan Karnival Alam Sekitar 2015

Green Ranger Malaysia pada tahun ini menyambut Hari Alam Sekitar dengan mengadakan satu Kem dan Karnival Alam Sekitar pada 23-24 Oktober 2015. Kem dan Karnival yang berlangsung di SMK Sungkai Perak ini disertai oleh seramai 150 orang peserta dari 20 buah sekolah rendah dan menengah dari Perak, Selangor, Kuala Lumpur dan Pahang.

Kem dan karnival dua hari ini memuatkan pelbagai aktiviti menarik antaranya pertandingan melukis, mewarna, deklamasi sajak, pameran alam, kuiz alam sekitar dan pertandingan taman mini. Kem alam sekitar diadakan selama dua hari manakala Karnival Alam sekitar pula diadakan pada hari kedua dan terbuka kepada sekolah-sekolah yang berhampiran dan masyarakat sekitar SMK Sungkai.

Tuan rumah kem dan karnival ini, iaitu SMK Sungkai telah berjaya merangkul tempat kedua dalam pertandingan taman mini yang juga telah dirasmikan pada 24 Oktober 2015.



Invention competition.  
Pertandingan rekaipata.



Nature themed exhibition.  
Pameran alam.



BELUM RAINFORESTS SUMMIT 2016

# International Conference on Conservation and Sustainable Use of Tropical Rainforests 2016



## Objectives:

- To bring together practitioners of tropical forest management of the Amazon, Congo and Asia to share experiences.
- To encourage all researchers in the tropical rainforest regions in the world to share their research findings on forestry and related sciences.
- To promote conservation of nature and the natural environment in all tropical rainforest continents.
- To promote tropical rainforest complex as eco-tourism destinations.

## Main themes:

- Biodiversity conservation and restoration
- Tackling climate change issues
- Opportunities in carbon trading
- Payment of ecosystem services
- Green and sustainable investment

## Categories of participants:

- Scientists
- Eco-tourism industry
- Forest administrators / managers
- Government officials
- Politicians
- NGOs / Indigenous community
- Policy makers



## CONFERENCE REGISTRATION FEES - Foreign participants

| Participant      | Early Bird Rate (Before June 2016) |        | Regular Rate (1 July - 17 October 2016) |        |
|------------------|------------------------------------|--------|-----------------------------------------|--------|
|                  | Foreign                            | Local  | Foreign                                 | Local  |
| <b>Presenter</b> | -                                  | -      | USD 250                                 | RM 250 |
| <b>General</b>   | USD 320                            | RM 400 | USD 400                                 | RM 500 |
| <b>Student</b>   | USD 100                            | RM 100 | USD 120                                 | RM 120 |

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1st Announcement



BELUM RAINFOREST SUMMIT 2016

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