



BAB
CHAPTER **5**

PROMOSI KESEDARAN DAN PENDIDIKAN ALAM SEKITAR PROMOTION OF ENVIRONMENTAL EDUCATION AND AWARENESS



PENJENAMAAN SEMULA PROGRAM RAKAN ALAM SEKITAR

Program Rakan Alam Sekitar (RAS) yang dilancarkan pada 4 Jun 2009 telah mempunyai seramai 100,420 ahli berdaftar di seluruh Malaysia sehingga Disember 2012. Program ini bertujuan meningkatkan kesedaran serta menggerakkan anggota masyarakat secara *hands-on* dalam aktiviti pemuliharaan alam sekitar dan juga menjadi mata dan telinga untuk membantu agensi-agensi kerajaan yang bertanggungjawab dalam membanteras kegiatan-kegiatan yang merosakkan atau mencemarkan alam sekitar.

Penjenamaan semula RAS dilaksanakan bagi memastikan Program RAS terus relevan dan memberikan impak positif dalam meningkatkan komitmen masyarakat terhadap usaha pemuliharaan dan pemeliharaan alam sekitar.

REBRANDING OF THE 'RAKAN ALAM SEKITAR' PROGRAMME

The 'Rakan Alam Sekitar' (RAS) programme was launched on the 4th of June 2009, and until December 2012, a total of 100,420 members have been registered. This programme intends to increase environmental awareness and to also mobilize community members in a "hands-on" environment, as well as to act as the 'eyes' and 'ears' of government agencies that are responsible for combating environmental pollution.

The rebranding of the RAS Programme was initiated to ensure its relevance and continuity, as well as to contribute positively in its impact of bolstering the community's commitment in the preservation and conservation of the environment.

Logo baru RAS telah diperkenalkan dengan rasional seperti berikut:-

*Bumi melambangkan alam sekitar yang kita sayangi,
Animasi manusia yang berwarna hijau melambangkan masyarakat yang menyokong usaha pemeliharaan dan pemuliharaan alam sekitar,
Animasi manusia yang berwarna biru melambangkan masyarakat yang memimpin usaha pemeliharaan dan pemuliharaan alam sekitar,
Daun melambangkan ekosistem yang kita lindungi,
Moto RAS yang baru, "Kami Mahu Gaya Hidup Lestari".*

Penjenamaan semula RAS turut melibatkan penciptaan lagu baru dan jingle RAS. Majlis Pelancaran Penjenamaan Semula RAS telah diadakan pada 27 Oktober 2013 bertempat di Putrajaya bersempena Sambutan Minggu Alam Sekitar Malaysia Peringkat Kebangsaan. Majlis telah menghimpunkan seramai 20,000 orang ahli RAS dari seluruh negara.

PROGRAM JELAJAH JEJAK MESRA RAKAN ALAM SEKITAR (JJMRAS) TAHUN 2013

Program Jelajah Jejak Mesra Rakan Alam Sekitar merupakan salah satu aktiviti berkonsepkan kembara yang dilaksanakan di bawah Program Rakan Alam Sekitar. Program Jelajah Jejak Mesra Rakan Alam Sekitar telah bermula sejak tahun 2012 dengan objektif program adalah seperti berikut:-

The new logo of the RAS has been introduced with the rational as follows: -

*The earth symbolizes the environment that we love,
The green man animation represents a community that supports the preservation and conservation of the environment,
The blue man animation symbolizes the human race leading in the preservation and conservation of the environment,
Leaves symbolizes the protection of our ecosystem,
The new motto of the RAS, "We Want A Sustainable Lifestyle".*

The rebranding of the RAS also involved the introduction of the new RAS song and jingle. The Launching Ceremony was held on the 27 of October 2013, in conjunction with Malaysia Environment Week, which was held in, Putrajaya. The event also witnessed an assembly of about 20,000 RAS members from around the country.

THE JELAJAH JEJAK MESRA RAKAN ALAM SEKITAR (JJMRAS) PROGRAMME, 2013

The JJMRAS Programme, being one of RAS initiatives, is based on the concept of expedition. This programme, which was initiated in the year 2012, have the following objectives: -

- | | |
|---|---|
| (i) Mendekati rakyat / komuniti setempat | (i) Reaching out to the people / local community |
| (ii) Memperkukuh peranan ahli RAS di komuniti setempat | (ii) Strengthening the role of RAS members in the local community |
| (iii) Menilai impak alam sekitar di komuniti setempat | (iii) Assessing the impact of environmental issues on the local community |
| (iv) Mendapat maklumbalas dari komuniti untuk penambahbaikan impak alam sekitar | (iv) To obtain the community's feedback for improvement in any environmental related issues |

Program JJMRAS ini turut memberi peluang kepada peserta untuk melibatkan diri secara langsung dan memberi sumbangan secara praktikal dalam aktiviti yang berkaitan pemeliharaan dan pemuliharaan alam sekitar.

The JJMRAS programme also provides an opportunity for participants to be directly involved in activities related to environmental preservation and conservation.

Program JJMRAS yang dilaksanakan dalam Tahun 2013 adalah seperti berikut:-

The list of JJMRAS Programmes, which was conducted in 2013, are as follows: -

- | | |
|--|--|
| (i) Program JJMRAS Bersama Warga Kementerian Sumber Asli dan Alam Sekitar (NRE) di Negeri Sabah pada 1 hingga 6 September 2013 | (i) JJMRAS Programme with the Staff of the Ministry of Natural Resources and Environment (NRE) in, Sabah, from 1 to 6 September 2013 |
| (ii) Program JJMRAS 1 Malaysia Bersempena Minggu Alam Sekitar Malaysia Peringkat Kebangsaan 2013 (20 hingga 27 Oktober 2013) | (ii) JJMRAS 1Malaysia Programme in Conjunction with Malaysia Environment Week (20 to 27 October 2013) |
| (iii) Program JJMRAS Bersama Media di Taman Negara Sungai Relau, Merapoh, Pahang pada 15 hingga 17 November 2013 | (iii) JJMRAS Programme with the Media in, Sungai Relau National Park, Merapoh, Pahang, from 15 to 17 November 2013 |

(iv) Program JJMRAS Trans-Borneo Bersama Warga NRE di Negeri Sabah dan Sarawak pada 18 hingga 24 Disember 2013

Antara aktiviti yang dijalankan dalam Program JJMRAS adalah seperti penanaman pokok, konservasi hutan, pendidikan dan promosi kesedaran alam sekitar kepada masyarakat, eksplorasi alam semulajadi, khidmat masyarakat mengenai alam sekitar dan lain-lain.

(iv) JJMRAS Trans-Borneo Programme With the Staff of the Ministry of Natural Resources and Environment (NRE) in, Sabah and Sarawak, on, 18 to 24 December 2013

Amongst the activities carried out in the JJMRAS Programmes are tree planting, forest conservation, environmental education, public awareness, exploration of nature, environmental community service and others.



KAMI MAHU GAYA HIDUP LESTARI
WE WANT A SUSTAINABLE LIFESTYLE

LOGO RAS YANG BARU
THE NEW LOGO OF RAS



Pelancaran lagu baru RAS
The launching of RAS new song



Program Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) 1 Malaysia
Minggu Alam Sekitar Malaysia (21 hingga 27 Oktober 2013)

The 'Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) 1 Malaysia' Programme'
Malaysia Environment Week (21st to 27th October 2013)



Program Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS)
Taman Negara Sungai Relau, Merapoh, Pahang

The 'Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS)' Programme'
Sungai Relau National Park, Merapoh, Pahang

MINGGU ALAM SEKITAR MALAYSIA (MASM)

Minggu Alam Sekitar Malaysia (MASM) merupakan acara tahunan anjuran Jabatan Alam Sekitar yang disambut untuk menyemai dan meningkatkan kesedaran alam sekitar di kalangan masyarakat Malaysia.

Majlis Perasmian MASM telah dilancarkan pada 20 Oktober 2013 di Tanah Rata, Cameron Highlands, Pahang Darul Makmur. Semasa Majlis ini, 32 pasukan konvoi Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) 1Malaysia yang terdiri daripada agensi-agensi di bawah Kementerian Sumber Asli dan Alam Sekitar dan rakan strategik JAS telah dilepaskan oleh YB Menteri NRE bagi menjalankan pelbagai aktiviti-aktiviti pemuliharaan alam sekitar. Pasukan konvoi JJMRAS mula menjelajah ke seluruh negara dan berakhir pada sambutan MASM Peringkat Kebangsaan di Putrajaya pada 27 Oktober 2013. Pelepasan program telah dibuat serentak di lima (5) zon iaitu di Cameron Highlands (zon Timur), Taman Herba Kangar di Perlis (zon Utara), Sekolah Kebangsaan Ayer Baloi, Pontian, Johor (zon Selatan), Rumah Panjang Lambir, Sibuti (zon Sarawak) dan Jalan UMS Sulaman, Kota Kinabalu (zon Sabah).

Di samping melancarkan Minggu Alam Sekitar Malaysia (MASM) Peringkat Kebangsaan, program Pasukan Pemantau Pencemaran (3P) Peringkat Kebangsaan juga turut dilancarkan semasa majlis perasmian di Tanah Rata, Cameron Highlands.

MALAYSIA ENVIRONMENT WEEK (MASM)

Malaysia Environment Week (MASM), an annual event organized by the Department of Environment, aims to nurture and raise environmental awareness among the entire community of Malaysia.

MASM Opening Ceremony was held on, 20 October 2013, at, Tanah Rata, Cameron Highlands, Pahang Darul Makmur. During the ceremony, 32 Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) 1Malaysia convoy teams, which consist of agencies from the Ministry of Natural Resources and Environments and JAS Strategic Partners, were officially relegated by YB NRE Minister to perform environmental conservation activities. The JJMRAS convoy teams then began travelling around the states and ended on 27 October 2013 their programme during MASM's closing ceremony in Putrajaya. The programme was held concurrently amongst five (5) zones which consist of, Cameron Highlands (East Zone), Taman Herba, Kangar in Perlis (North Zone), Sekolah Kebangsaan Ayer Baloi, Pontian, Johor (South Zone), Rumah Panjang Lambir, Sibuti (Sarawak Zone) and Jalan UMS Sulaman, Kota Kinabalu (Sabah Zone).

Besides the launching of Malaysia Environment Week (MASM), the 3P Programme was also officiated in conjunction with the event.

Sambutan MASM ke-22 telah diadakan pada 27 Oktober 2013 di Presint 4, Putrajaya dengan bertemakan “Perkongsiian Pintar Ke Arah Kelestarian Alam Sekitar”. Tema ini dipilih selaras dengan program transformasi yang dijalankan oleh JAS di mana pelbagai pihak termasuk agensi kerajaan, swasta, pertubuhan bukan kerajaan, Institusi Pengajian Tinggi, Syarikat Multinasional dan sebagainya dijadikan sebagai rakan strategik Jabatan untuk menganjurkan program – program kesedaran alam sekitar.

MASM 2013 telah dirasmikan oleh YB, Datuk Seri G. Palanivel, Menteri Sumber Asli dan Alam Sekitar. Pada tahun ini, beberapa program telah diadakan seperti Penjenamaan semula Rakan Alam Sekitar (RAS). Logo, Moto, Lagu dan Jingle Rakan Alam Sekitar telah diperkenalkan semasa majlis sambutan ini bagi meningkatkan lagi keberkesanan program Rakan Alam Sekitar, Moto ‘Kami Mahu Gaya Hidup Lestari’ dipilih sebagai moto Rakan Alam Sekitar dalam penjenamaan semula ini.

Bagi menyemai amalan mesra alam di kalangan belia, acara “Greenrobics” turut diadakan. Seramai 20,000 peserta, terdiri daripada orang awam dan ahli Rakan Alam Sekitar telah menyertai acara ini.

Selain daripada program-program tersebut, terdapat pelbagai program lagi yang telah diadakan bagi memeriahkan sambutan MASM 2013 seperti Enviro-Hunt, Pertandingan Fotografi, Pertandingan Akhir Debat Alam Sekitar Antara Institusi Pengajian

The 22nd MASM celebration was held on, 27 October 2013, at Precinct 4, Putrajaya, with the theme of “Smart Partnership Towards Sustainable Environment”. The theme was selected to coincide with the transformation programme by DOE in where several parties including government agencies, private sectors, non-government organizations, Higher Education Institutions and Multinational Companies were selected as the Department’s strategic alliances in propagating environmental awareness programmes

MASM 2013 was officiated by YB Datuk Seri G. Palanivel, Minister of Natural Resources and Environment. Several programmes were organized, one of which is the Rebranding of the Rakan Alam Sekitar (RAS) Programme. RAS new Logo, Motto, Song and Jingle were also introduced during the celebration to magnify the effectiveness of the programme. The motto, ‘We Want A Sustainable Lifestyle’ was appropriately chosen for the rebranding exercise.

In the pursuit to instill environmentally friendly practices among youths, the Greenrobics event was also held. A total of 20,000 public participants, including RAS members joined in the event.

Apart from this, there were many other programmes held throughout the MASM 2013 celebration, such as Enviro-Hunt, Photography Competition, Finale of Inter-Varsity Environmental Debate, Exhibition and Sale of Environmentally Friendly

Tinggi (IPT), Pameran/Jualan Produk Mesra Alam, penyerahan Borang Rakan Alam Sekitar (RAS) oleh Marshal JJMRAS dan Penganugerahan Khas MASM kepada Penyumbang Utama Ke Arah Kelestarian Alam Sekitar. 'MALAKOFF Powerman Asian Duathlon Championships' juga turut diadakan bersempena MASM 2013.

Pada keseluruhannya, MASM 2013 telah mencapai matlamatnya untuk memupuk semangat mencintai alam di kalangan pelbagai golongan masyarakat di Malaysia.

Products, RAS Form Submission by JJMRAS Marshals and MASM Special Recognition to the Strategic Alliances contributions towards Sustainable Environment. The MALAKOFF Powerman Asian Duathlon Championships were also held in concurrence with MASM 2013 in Putrajaya.

Overall, MASM 2013 has achieved its objective in instilling a love for the environment through various communities throughout Malaysia.



Pelepasan pasukan konvoi Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) oleh YB Menteri di Cameron Highlands, Pahang Darul Makmur

Flag off for Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) convoy teams by YB Minister in Cameron Highlands, Pahang Darul Makmur



Pelepasan pasukan konvoi Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS)

di Cameron Highlands, Pahang Darul Makmur

Flag off for Jelajah Jejak Mesra Rakan Alam Sekitar (JJMRAS) convoy teams in Cameron Highlands, Pahang Darul Makmur



Majlis Perasmian Pelancaran Minggu Alam Sekitar Malaysia (MASM) 2013

Launching of Malaysia Environment Week (MASM) 2013



Pelantikan ahli 3P
3P members appointment



Aktiviti Greenrobics
Greenrobics activity



Pelepasan peserta MALAKOFF Powerman Asian Duathlon Championships
Flag off for MALAKOFF Powerman Asian Duathlon Championships



Penjenamaan Semula Rakan Alam Sekitar (RAS)
Rebranding of Rakan Alam Sekitar (RAS)



**Pertandingan Debat Alam Sekitar Antara Institusi Pengajian Tinggi
Inter-varsity Environmental Debate**



**Pelepasan peserta Enviro-Hunt
Flag Off for Enviro-Hunt participants**



Pemenang bagi Enviro-Hunt
Winner of Enviro-Hunt



Penganugerahan Khas MASM kepada Penyumbang Utama
Ke Arah Kelestarian Alam Sekitar
MASM Special Recognition to the Strategic Alliances towards
Sustainable Environment

MAJLIS MENANDATANGANI MEMORANDUM PERSEFAHAMAN (MOU) RAKAN ALAM SEKITAR (RAS) DAN PROGRAM KESEDARAN ALAM SEKITAR

Jabatan Alam Sekitar (JAS) terus melaksanakan pelbagai program dan aktiviti kesedaran alam sekitar serta menyebarkan maklumat kepada setiap lapisan masyarakat dalam usaha membina masyarakat yang mementingkan kelestarian alam sekitar.

Sejajar dengan itu, JAS telah mengambil pendekatan untuk menjalinkan kerjasama pintar dengan menandatangani Memorandum Persefahaman (MOU) dua hala dengan Agensi Kerajaan, Institut Pengajian Tinggi (IPT), Syarikat Berkaitan Kerajaan (GLC), Syarikat Multinasional (MNC), Syarikat Swasta dan Pertubuhan Bukan Kerajaan (NGO).

Pada 5 Jun 2013, Majlis Menandatangani MOU yang pertama dengan 28 agensi telah diadakan di Genting Highlands, Pahang. Majlis Menandatangani MOU ini diadakan sempena sambutan Hari Alam Sekitar Sedunia.

Majlis menandatangani MOU siri 2 telah diadakan dengan 23 agensi di Dewan Baiduri, JAS pada 1 Oktober 2013. Sehingga Disember 2013, JAS telah menandatangani MOU sebanyak 211 agensi di Malaysia.

SIGNING CEREMONY OF MEMORANDUM OF UNDERSTANDING RAKAN ALAM SEKITAR (RAS) AND ENVIRONMENTAL AWARENESS PROGRAMME

The Department of Environment (DOE) continues to implement its environmental awareness programmes and activities, as well as the spreading of information to multi-layers of the society, as an effort to build a nation that stresses on environmental sustainability.

Accordingly, DOE has taken the approach of having smart partnerships with the signing of a Memorandum of Understanding (MOU) with government agencies, Institutions of Higher Learning (IPT), Government-Linked Companies (GLCs), Multinational Corporations (MNCs), Private sector and Non Governmental Organizations (NGOs).

The first MOU signing ceremony was held with 28 agencies on, 5 June 2013 at Genting Highlands, Pahang. It was held in conjunction with the World Environment Day celebration.

The second MOU signing ceremony was held between 23 organizations at Dewan Baiduri, DOE, on, 1 October 2013. Till end of 2013, DOE has signed MOUs with 211 organizations in Malaysia.

Dengan adanya MOU, pihak JAS dapat bekerjasama dengan lebih rapat bersama pihak-pihak berkepentingan untuk mencapai matlamat melaksanakan dan menggalakkan program dan aktiviti kesedaran alam sekitar.

Pelbagai sokongan seperti bantuan kewangan, barang-barang keperluan serta penyertaan telah diterima daripada Rakan MOU semasa sambutan Minggu Alam Sekitar Malaysia (MASM) 2013. Penganugerahan Khas telah diberikan kepada lima (5) Rakan MOU yang telah menunjukkan inisiatif yang tinggi terhadap program-program dan aktiviti-aktiviti berkaitan alam sekitar.

JAS Negeri juga tidak ketinggalan dalam mengadakan Majlis Menandatangani MOU peringkat negeri. **Jadual 5.1** menunjukkan statistik penandatanganan MOU mengikut negeri dan **Jadual 5.2** menunjukkan senarai lengkap penandatanganan MOU.

This MOU encourages DOE and its MOU partners to work closely together in achieving its common goal of pursuing environmental awareness activities and programmes.

Partners of the MOU have given their pledge and commitments during Malaysia Environment Week (MASM) 2013 celebrations, in the form of financial aid, goods supplies and active participation in the events. Special recognition (*Penganugerahan Khas*) was also given to five (5) selected MOU Partners (*Rakan MOU*) that have demonstrated a high initiative for conducting programme and activities related to the environment.

The DOE have also organized an MOU signing ceremony at a state level. **Table 5.1** shows the statistics of the MOU signatories by states and **Table 5.2** show the complete list of MOU signatories

JADUAL 5.1 JAS : BIL MOU YANG DITANDATANGANI JAS NEGERI
TABLE 5.1 DOE: NUMBER OF MOU SIGNED BY DOE STATE

BIL/NO	NEGERI/STATE	BIL MOU / NUMBER OF MOU
1	JAS Ibu Pejabat	57
2	JAS Sabah	23
3	JAS Perlis	20
4	JAS Melaka	14
5	JAS P.Pinang	13
6	JAS Sarawak	12
7	JAS Johor	10
8	JAS Kelantan	16
9	JAS Pahang	8
10	JAS Labuan	8
11	JAS Perak	7
12	JASKedah	4
13	JAS Terengganu	19
	Jumlah / Total	211

JADUAL 5.2 JAS : SENARAI LENGKAP PENANDATANGAN MOU
TABLE 5.2 DOE: COMPLETE LIST OF MOU SIGNATORIES

JABATAN ALAM SEKITAR IBU PEJABAT	
1	Jabatan Latihan Khidmat Negara
2	Jabatan Tenaga Manusia
3	Jabatan Pengajian Politeknik
4	Institut Pendidikan Guru Malaysia
5	Jabatan Belia Dan Sukan
6	Jabatan Pengajian Kolej Komuniti
7	Majlis Amanah Rakyat
8	Universiti Kebangsaan Malaysia (UKM)
9	Universiti Malaya (UM)
10	Universiti Malaysia Perlis (UNIMAP)
11	Universiti Malaysia Terengganu (UMT)
12	Universiti Putra Malaysia (UPM)
13	Universiti Sains Islam Malaysia (USIM)
14	Universiti Sains Malaysia (USM)
15	Universiti Teknikal Malaysia Melaka (UTeM)
16	Universiti Teknologi MARA (UiTM)
17	Universiti Tenaga Nasional (UNITEN)
18	Universiti Islam Antarabangsa Malaysia (UIAM)
19	Universiti Teknologi Malaysia (UTM)
20	Universiti Sultan Zainal Abidin (UniSZA)
21	Universiti Tun Hussien Onn (UTHM)
22	Universiti Utara Malaysia (UUM)
23	Universiti Pendidikan Sultan Idris (UPSI)
24	Bank Rakyat
25	CCM Chemicals Sdn Bhd
26	Cement Industries of Malaysia Berhad (CIMA) (Anak Syarikat UEM Berhad)
27	Kualiti Alam Sdn Bhd (Anak Syarikat UEM Berhad)
28	Malakoff Corporation Berhad
29	Projek Lebuhraya Usahasama (PLUS) Berhad (Anak Syarikat UEM Berhad)
30	PROTON Holdings Berhad
31	Rangkaian Hotel Seri Malaysia Sdn Bhd
32	Sime Darby Property Berhad
33	Syarikat Air Johor Holdings Sdn Bhd
34	Syarikat Prasarana Negara Berhad
35	UEM Group Berhad
36	Petroleum Nasional Berhad (PETRONAS)
37	Telekom Malaysia Berhad
38	Boustead Holdings Berhad
39	RHB Capital Berhad
40	Malaysia Airlines System Berhad
41	Tesco Stores (M) Sdn Bhd
42	GCH Retail (M) Sdn Bhd

43	Berjaya Resort Management Services Sdn Bhd
44	Meridian World Sdn Bhd
45	Shan Poornam Metals Sdn Bhd
46	Kumpulan Semesta Sdn Bhd
47	Malayan Banking Berhad
48	KPJ Healthcare Sdn. Bhd
49	Environmental Management and Research Association of Malaysia
50	Environmental Protection Society Malaysia (EPSM)
51	Global Environment Centre (GEC)
52	Persatuan Pekilang Plastik Malaysia (MPMA)
53	Persatuan Pencinta Alam Malaysia (MNS)
54	Pertubuhan Perancang Malaysia (MIP)
55	Reef Check Malaysia
56	WWF-Malaysia
57	Gabungan Persatuan-Persatuan Pengguna Malaysia

JABATAN ALAM SEKITAR SABAH

1	Institut Keselamatan Dan Kesihatan Pekerjaan Negara (NIOSH)
2	Institut Pendidikan Guru Malaysia (Kampus Kent)
3	Institut Pendidikan Guru Malaysia (Kampus Tawau)
4	Sabah Tea Sdn. Bhd.
5	Japan International Cooperation Agency (JICA-SDBEC)
6	Sabah SHELL Petroleum Co. Ltd
7	TSH Plantations Management Sdn. Bhd.
8	Ng Sian Hap Pottery Factory Sdn. Bhd.
9	NCT Forwarding & Shipping Sdn. Bhd.
10	Petrojadi Sdn. Bhd.
11	Sime Darby Plantations (Sabah) Sdn. Bhd.
12	Legenda Bumimas Sdn. Bhd.
13	Tiong Cheong Bricks Sdn. Bhd.
14	Sawit Kinabalu Sdn. Bhd.
15	Seguntor Bioenergy Sdn. Bhd.
16	Unimekar Metals Sdn. Bhd.
17	Exorin Technologies Sdn. Bhd.
18	SFI Sdn. Bhd.
19	Glomus Ecology Sdn. Bhd.
20	The Palace Hotel
21	Sabah Wetlands Conservation Society (SWCS)
22	Pengerusi Persatuan Sungai-Sungai Tagal Sabah
23	Family Transmitting Communication (FT Comm)

JABATAN ALAM SEKITAR PERLIS

1	Politeknik Tuanku Syed Sirajuddin
2	Institut Latihan Perindustrian Kangar
3	Institut Pendidikan Guru Kampus Perlis

4	Kolej Komuniti Tambun Tulang Perlis
5	Mediquip Sdn. Bhd.
6	Shorubber (M) Sdn. Bhd.
7	Chua Teong Chai & Sons Quarry Sdn. Bhd.
8	Prestige Packages (Perlis) Sdn. Bhd.
9	Negeri Sembilan Cement Industries Sdn. Bhd / CIMACO Kuari
10	Kilang Gula Felda Perlis
11	Pens Industries Sdn. Bhd
12	Taliworks Sdn. Bhd.
13	Kilang Beras Melayu Utara (M) Sdn Bhd
14	Global E- Technic Sdn. Bhd (TTPC)
15	Kilang Padi Maju Sdn. Bhd.
16	Padi Beras Nasional Berhad (BERNAS)
17	Putra Palaces Kangar
18	Brasmana Kuala Perlis
19	Seaview Kuala Perlis
20	Perlis Mountain Bikers Association

JAS SARAWAK

1	Institut Latihan Perindustrian Kota Samarahan
2	Institut Perguruan Malaysia Batu Lintang, Kuching, Sarawak
3	Institut Perguruan Malaysia Tun Abdul Razak, Kota Samarahan, Sarawak
4	Kolej Antarabangsa Teknologi Lanjutan Sarawak
5	Sarawak Shell Berhad
6	Petronas Carigali-Sarawak Operation Sdn. Bhd.
7	Sarawak Energy Berhad
8	Trienekens (Sarawak) Sdn. Bhd.
9	Bintulu Port Sdn. Bhd.
10	ASEAN Bintulu Fertilizer Sdn. Bhd.
11	X-Fab Sarawak Sdn. Bhd.
12	Sejingkat Power Corporation Sdn. Bhd.

JAS MELAKA

1	Majlis Bandaraya Melaka Bersejarah (MBMB);
2	Majlis Perbandaran Hang Tuah Jaya (MPHTJ);
3	Perbadanan Hang Tuah Jaya (PHTJ) / Perbadanan Teknologi Hijau Melaka (PTHM)
4	Politeknik Melaka;
5	Politeknik Merlimau;
6	Universiti Teknologi MARA (UiTM Lendu);
7	Universiti Kuala Lumpur (UniKL-MICET);
8	Alam Sekitar Malaysia SB (ASMA);
9	Green Depot Technology SB;
10	Ambang Wira SB;
11	Texas Instruments Electronis (M) SB;

12	Panasonic Appliances Foundry (M) SB;
13	Panasonic Industrial Devices Semiconductor (M) SB
14	Hotel Seri Malaysia.
JAS JOHOR	
1	Kolej Komuniti Pasir Gudang
2	Kolej Komuniti Bandar Penawar
3	Kolej Komuniti Tanjung Piai
4	Kolej Komuniti Bandar Tenggara
5	Politeknik Ibrahim Sultan
6	Southern Lion Sdn Bhd
7	Flextronics Technology (Malaysia) Sdn Bhd
8	KPJ Johor Specialist Hospital Sdn Bhd
9	Malaysian Marine And Heavy Industries Sdn Bhd
10	ATT Tanjung Bin Sdn Bhd
JAS KELANTAN	
1	Lembaga Kemajuan Kelantan Selatan (KESEDAR)
2	Lembaga Kemajuan Pertanian Kemubu (KADA)
3	Politeknik Kota Bharu
4	Universiti Malaysia Kelantan (UMK)
5	Kilang Sawit Liziz
6	Kelantan Biotech Corp Sdn. Bhd.
7	Gunong Stong State Park Resort
8	Ain Medicare Sdn Bhd
9	Enda Food Industries Sdn. Bhd.
10	Etnik Production
11	Min's Agarwood
12	I.Z Ennvirionmind Sdn. Bhd.
13	Koperasi Usahawan Maju Kelantan Berhad
14	Malaysian Nature Society (Kelantan)
15	Pertubuhan Buddhist Tu-Chi Merit Malaysia
16	Pertubuhan Sahabat Alam Sekitar Malaysia
JAS PAHANG	
1	Pahang Skills Development Center (PSDC)
2	Politeknik Sultan Haji Ahmad Shah (POLISAS)
3	Institut Kemahiran Belia Negara (IKBN)
4	Institut Latihan Perindustrian, Gebeng
5	Perbadanan Pengurusan Sisa Pepejal dan Pembersihan Awam (PPSPA) Negeri Pahang
6	Elektrisola (M) S/B
7	Hiap Huat Chemicals (M) S/B
8	Balok River Adoption Program Committee
JAS PERAK	
1	Universiti Teknologi Petronas
2	Institut Latihan Perindustrian Ipoh

3	Politeknik Ungku Omar
4	Universiti Teknologi MARA (Perak)
5	Vale Malaysia Minerals Sdn Bhd
6	Hume Cement
7	TNB Janamanjung
JAS KEDAH	
1	Lembaga Sumber Air Negeri Kedah
2	Pusat Pembangunan Kemahiran Industri Dan Pengurusan Kedah Darul Aman
3	AIMST University
4	Naza Automotive Manufacturing Sdn Bhd
JAS LABUAN	
1	Jabatan Pendidikan WP Labuan
2	Institut Latihan Perindustrian WP Labuan
3	Universiti Malaysia Sabah , Kampus Antarabangsa Labuan
4	Trienekens (Sarawak) Sdn. Bhd.
5	Billion Waterfront Hotel
6	Labuan Shipyard & Engineering Sdn Bhd
7	Sabah Shell Petroleum Company Ltd
8	Petronas Chemicals Methanol Sdn Bhd
JAS PULAU PINANG	
1	Jabatan Mufti Negeri Pulau Pinang
2	Pejabat Perdagangan Dalam Negeri, Koperasi Dan Kepenggunaan Pulau Pinang
3	Majlis Perbandaran Seberang Perai
4	Japan Malaysia Technical Institute (JMTI)
5	Institut Latihan Perindustrian (ILP) Kepala Batas
6	Institut Latihan Perindustrian (ILP) Perai
7	Institut Latihan Perindustrian (ILP) Arumugam Pillai
8	Sekolah Menengah Kebangsaan Dato' Onn
9	Fatty Chemical (Malaysia) Sdn. Bhd.
10	Sony EMCS (M) Sdn. Bhd .
11	Suzuki Assemblers Malaysia Sdn. Bhd.
12	Alpha Industries Sdn. Bhd.
13	Persatuan Pengguna Pulau Pinang (CAP)
JAS TERENGGANU	
1	Majlis Daerah Setiu
2	Pejabat Daerah Setiu
3	Perbadanan Perpustakaan Awam Negeri Terengganu
4	TATI University College (TATIUC)
5	ILP Kuala Terengganu
6	IPG Dato' Razali
7	Institut Latihan Perindustrian Marang
8	Politeknik Sultan Mizan Zainal Abidin
9	Kolej Komuniti Kuala Terengganu
10	Kolej PTPL Terengganu

11	Kolej Tesdec
12	Politeknik Kuala Terengganu
13	YTL Power Services Sdn Bhd
14	Primula Beach Hotel
15	Perbadanan Pengurusan Sisa Pepejal
16	Tioxide (Malaysia) Sdn. Bhd
17	Hotel Permai
18	Resort World Kijal
19	Institut Pendidikan Guru, Kampus Sultan Mizan



**Majlis Menandatangani MOU pada 5 Jun 2013 di
Genting Highlands, Pahang Darul Makmur**
**MOU signing ceremony on 5th June 2013 at
Genting Highlands, Pahang Darul Makmur**



Majlis Menanam Pokok sebagai simbolik Hari Alam Sekitar Sedunia 2013
Tree planting ceremony as a symbolic of World Environment Day 2013



Ketua Pengarah Jabatan Alam Sekitar, Dato' Halimah Hassan menyampaikan ucapan di Majlis Menandatangani MOU pada 1 Oktober 2013 di Dewan Baiduri, Wisma Sumber Asli

Director General Department of Environment, Dato' Halimah Hassan delivered a speech during MOU signing ceremony on 1st October 2013 at Dewan Baiduri, Wisma Sumber Asli



Wakil dari setiap organisasi sedang menandatangani dokumen MOU
Representative from each organization were signing the MOU document



Wakil dari setiap organisasi dengan dokumen MOU
Representative from each organization with the MOU document

PERTANDINGAN DEBAT ALAM SEKITAR ANTARA INSTITUSI PENGAJIAN TINGGI

Sejak tahun 1991, Debat Alam Sekitar Antara Institusi Pengajian Tinggi merupakan program tahunan yang dianjurkan oleh Jabatan Alam Sekitar dengan kerjasama Kementerian Pendidikan Malaysia, Majlis Debat Universiti-Universiti Malaysia (MADUM) dan Dewan Bahasa dan Pustaka.

Pertandingan debat ini dikendalikan secara debat ala parlimen dan penentuan pasukan yang bertanding sama ada berperanan sebagai kerajaan atau pembangkang dibuat menggunakan kaedah sistem *bracket power match* untuk pusingan awal. Kedudukan setiap pasukan dibuat berdasarkan menang/kalah, juri, julat kemenangan dan markah keseluruhan.

Pertandingan Peringkat Awal melibatkan enam (6) pusingan. Lapan (8) pasukan terbaik dipilih untuk ke peringkat suku akhir dan empat (4) pasukan yang menang pula ke peringkat separuh akhir dan seterusnya dua (2) pasukan terbaik bertanding di peringkat akhir.

Pertandingan Debat Alam Sekitar Antara Institusi Pengajian Tinggi (IPT) Kali Ke- 23 telah disertai oleh 26 pasukan dan telah diadakan di UNITEN pada 23-26 Oktober 2013.

Pertandingan Akhir antara UIA dan USIM telah diadakan di Putrajaya pada 27 Oktober 2013, bersempena dengan sambutan MASM dan telah disaksikan oleh lebih kurang 20, 000 penonton.

INTER-VARSITY ENVIRONMENTAL DEBATE

Since 1991, the Environmental Debate for the Institution of Higher Learning has been organized annually by the Department of Environment in collaboration with the Ministry of Education Malaysia, Malaysian Universities Debate Council (MADUM) and Dewan Bahasa dan Pustaka.

The Inter-Varsity Environmental Debate was conducted in a parliamentary manner and the bracket power match system was adopted in the preliminary rounds to determine whether a team is in the proposition or opposition side. The ranking of each team was based on several criteria such as "winner / loser", jury, margin and overall score.

The preliminaries consist of six (6) rounds. The eight (8) highest-ranking teams were then selected to compete in the Quarter-Finals, out of which, only four (4) will qualify for the Semi-Finals and eventually, two (2) teams will reach the Finals.

The 23rd Inter-Varsity Environmental Debate, which had a participation of 26 Institutions of Higher Learning, was held in UNITEN from, 23rd to 26th October 2013.

The Finals of the 2013 Debate between IIUM and USIM was held on, 27th October 2013, in Putrajaya, which coincided with the MASM celebration and was attended by around 20,000 guests.

Pasukan UIAM telah muncul sebagai Johan dan menerima Piala Pusingan Menteri Sumber Asli dan Alam Sekitar, wang tunai RM8,000.00 serta Sijil Penyertaan.

Pasukan USIM pula muncul sebagai Naib Johan dan meraih wang tunai sebanyak RM 5,000.00, Piala Iringan, dan Sijil Penyertaan.

Mohd Ikhwan Rosseli, pendebat daripada USIM telah muncul sebagai Pendebat Terbaik Peringkat Akhir dan menerima Piala Ketua Pengarah Alam Sekitar beserta wang tunai RM1,500.00.

Pendebat Terbaik Liga dimenangi oleh pendebat daripada Universiti Kebangsaan Malaysia (UKM) iaitu Najah Izzati Suleman yang membawa pulang hadiah wang tunai RM 300, Piala Iringan, dan Sijil Penyertaan.

Majlis penyampaian hadiah telah disempurnakan oleh YB Datuk Seri G. Palanivel, Menteri Sumber Asli dan Alam Sekitar.

The IIUM team emerged the overall winner and received the Minister of Natural Resources and Environment Challenge Trophy, a cash prize of RM8,000.00 and a certificate of participation.

The USIM team emerged as a runner-up and received a cash prize of RM5,000.00, a trophy and certificates.

Mohd Ikhwan Rosseli of USIM emerged as the Best Debater and received the Director General of Environment Trophy, together with a cash prize of RM1,500.00.

The League's Best Debater was awarded to Universiti Kebangsaan Malaysia's (UKM) debater, Najah Izzati Suleman and she received a trophy together with a cash prize of RM 300.00.

YB Datuk Seri G. Palanivel, Minister of Natural Resources and Environment, gave out the prizes.



Pertandingan Akhir Debat Alam Sekitar antara Universiti Islam Antarabangsa Malaysia (UIAM) dan Universiti Sains Islam Malaysia (USIM)

Environmental Debate Finals between International Islamic University Malaysia (IIUM) and Universiti Sains Islam Malaysia (USIM)



Majlis penyampaian hadiah disempurnakan oleh YB Datuk Seri G. Palanivel, Menteri Sumber Asli dan Alam Sekitar

The prize were given out by YB Datuk Seri G. Palanivel, Minister of Natural Resources and Environment

SEKOLAH LESTARI-ANUGERAH ALAM SEKITAR SESI 2011/2012 TAHUN 2013

Program Sekolah Lestari-Anugerah Alam Sekitar (SLAAS) telah dilancarkan pada 27 Januari 2005 dan merupakan program anjuran bersama Jabatan Alam Sekitar dan Kementerian Pendidikan Malaysia dengan sokongan teknikal daripada Institut Alam Sekitar dan Pembangunan (LESTARI), Universiti Kebangsaan Malaysia (UKM). Program yang berkonsepkan pendekatan menyeluruh melibatkan warga sekolah bersama semua lapisan masyarakat merangkumi empat (4) komponen utama iaitu pengurusan, kurikulum, kokurikulum, dan penghijauan.

Bagi tahun 2013, Majlis Penganugerahan Sekolah Lestari-Anugerah Alam Sekitar Sesi 2011/2012 telah diadakan pada 23 April 2013 bersempena Sambutan Hari Bumi bertempat di Sekolah Menengah Kebangsaan Dato' Onn, Butterworth. Majlis ini telah dirasmikan oleh YBhg. Dato' Sri Zoal Azha bin Yusof, Ketua Setiausaha, Kementerian Sumber Asli dan Alam Sekitar.

Dalam majlis tersebut, Sekolah Menengah Kebangsaan Dato' Onn, Butterworth telah dianugerahkan Anugerah Sekolah Lestari (Emas) bagi kategori menengah manakala Sekolah Kebangsaan Bandar Pusat, Jengka telah menerima anugerah bagi kategori rendah. Selain daripada itu, terdapat juga beberapa sekolah yang menerima Pensijilan Khas mengikut beberapa kategori. Senarai sekolah yang dimaksudkan adalah seperti di **Jadual 5.3**.

SUSTAINABLE SCHOOL - ENVIRONMENTAL AWARD SESSION 2011/2012 YEAR 2013

The Sustainable School - Environmental Award (SLAAS), which was launched on, 27 January 2005, is a programme organized by the Department of Environment in collaboration with Ministry of Education, with technical support from the Institute of Environment and Development (LESTARI), and Universiti Kebangsaan Malaysia (UKM). This programme involves a comprehensive approach between the school community with all walks of life, covering four (4) key component, being management, curriculum, co-curriculum, and greening.

In 2013, the Sustainable School - 2011/2012 Award Giving Ceremony was held on, 23 April 2013, in conjunction with the Earth Day celebration at Sekolah Menengah Kebangsaan Dato' Onn Butterworth. The event was officiated by YBhg. Dato' Sri Zoal Azha bin Yusof, Secretary General, Ministry of Natural Resources and Environment.

The Sustainable School Award (Gold) 2011/2012 was awarded to SMK Dato' Onn, Butterworth (secondary school category), and Sekolah Kebangsaan Bandar Pusat, (primary school category). In addition, there were also other schools that received special certification based on several more categories specified. This schools are as listed in **Table 5.3**.

Pada 26-28 Ogos 2013, satu Bengkel Kejurulatihan Sekolah Lestari-Anugerah Alam Sekitar telah diadakan di Hotel Summit, Pulau Pinang. Bengkel ini diadakan dengan kerjasama Kementerian Pendidikan Malaysia dan bertujuan untuk mendedahkan para peserta mengenai prosedur pelaksanaan SLAAS dan berkongsi pengalaman mengenai pelaksanaan SLAAS di sekolah yang telah menerima anugerah. Seramai 60 orang peserta terdiri daripada pegawai-pegawai Jabatan Alam Sekitar Negeri, Jabatan Pelajaran Negeri dan guru-guru daripada sekolah sekitar zon utara telah menyertai bengkel ini.

Selain itu, cetakan Buku Coffee Table SLAAS juga telah dilaksanakan pada Disember 2013.

From 26th to 28th August 2013, a Coaching Workshop on Sustainable School- Environmental Award was held at the Summit Hotel, in, Penang. The workshop was held in collaboration with the Ministry of Education and aims to expose participants on implementation procedures of SLAAS and to share experiences on the implementation of SLAAS with the schools that have received the awards. A total of 60 participants attended the workshop consisting of officers from the Department of Environment, Department of Education and teachers from the schools in the northern region.

Apart from that, Sustainable School Coffee Table Books were also printed in December 2013.



JADUAL 5.3 JAS: SENARAI SEKOLAH YANG MENERIMA PENSIJILAN KHAS SLAAS 2011/2012
TABLE 5.3 DOE: LIST OF SPECIAL SCHOOL RECEIVES CERTIFICATION SLAAS 2011/2012

Bil/No.	Kategori / Category	Sekolah / School	Negeri / State
RENDAH / PRIMARY			
1	Anugerah Khas Kesedaran Lestari Yang Tinggi	SK Babagon Toki	Sabah
2	Anugerah Khas Pengurusan Taman Lestari	SK Laksamana, Kota Tinggi	Johor
3	Anugerah Khas Dokumentasi	SK Temin, Jerantut	Pahang
4	Anugerah Khas Bagi Elemen Khas (Penghasilan Enzim)	SJK (C) Ming Tee, Meradong	Sarawak
5	Anugerah Khas Kepimpinan Lestari	Puan Lee Leh Choo,	Sarawak
		Guru Besar,	
		SJK (C) Ming Tee, Meradong	
6	Anugerah Khas Sekolah Harapan Lestari	(i) SJK (C) Ming Tee, Meradong	Sarawak
		(ii) SK Temin, Jerantut	Pahang
		(iii) SK Babagon Toki	Sabah
		(iv) SK Laksamana, Kota Tinggi	Johor
MENENGAH / SECONDARY			
1	Anugerah Khas Bilik Lestari	SMK Majakir Papar	Sabah
2	Anugerah Khas Penjagaan Sungai	SMK Sultanah Engku Tun Aminah	Johor
3	Anugerah Khas Kepimpinan Lestari	En. Tilai Balla Udan, Pengetua,	Sarawak
		SMK Siburan, Kuching	
4	Anugerah Khas Pengurusan Lestari	SMK Siburan, Kuching	Sarawak
5	Anugerah Khas Pengurusan Taman Lestari	SMK Sri Aman, Kota Tinggi	Johor
6	Anugerah Khas Penyelidikan dan Pembangunan	SMK Padang Besar (Utara)	Perlis
7	Anugerah Khas Pengurusan Air	SMK Tunku Ampuan Najihah	Negeri Sembilan
8	Anugerah Khas Inovasi dan Kreativiti	SMK Taman Dato Haron	Selangor
9	Anugerah Khas Keusahawanan	SMK Padang Midin, Kuala Terengganu	Terengganu
10	Anugerah Khas Sekolah Harapan Lestari	(i) SMK (P) Methodist	Pulau Pinang
		(ii) SMK Majakir Papar	Sabah
		(iii) SMK Sultanah Engku Tun Aminah	Johor
		(iv) SMK Taman Dato' Harun	Selangor

PROJEK WIRA ALAM

Projek Wira Alam (PWA) telah dilancarkan pada 5 Jun 1998 bertujuan untuk memotivasikan para pelajar untuk terlibat secara aktif dalam aktiviti pemeliharaan dan pemuliharaan alam sekitar ke arah meningkatkan kualiti alam sekitar Negara.

Projek ini merupakan anjuran Jabatan Alam Sekitar dengan kerjasama Kementerian Pendidikan Malaysia dan Persatuan Pencinta Alam Malaysia. Projek ini terbahagi kepada tiga (3) tahap iaitu Wira Diri (Tahap 1), Wira Komuniti (Tahap 2) dan Wira Alam (Tahap 3). Setiap pelajar yang menyertai program ini perlu menyelesaikan tugas yang ditetapkan di dalam buku aktiviti pada setiap tahap sebelum ke peringkat seterusnya.

Pada tahun 2013, sebanyak 604 permohonan baru dari pelajar-pelajar telah diterima untuk menyertai projek ini. Seramai 188 orang pelajar telah lulus Wira Diri (Tahap 1) dan menerima sijil, organizer Wira Diri manakala 37 orang pelajar lulus Wira Komuniti (Tahap 2) dan menerima sijil, beg, t-shirt dan topi Wira Komuniti. Seramai 12 orang pelajar telah lulus Tahap 3 di mana lima (5) orang pelajar daripada Sekolah Menengah Kebangsaan Bukit Jelutong, Selangor dan dua (2) orang pelajar daripada Sekolah Menengah Kebangsaan Batu Kawa, Sarawak telah lulus dengan cemerlang dan dipilih untuk menerima Anugerah Wira Alam 2012. Pelajar-pelajar ini telah menerima wang tunai RM300, vest dan plak Wira Alam.

WIRA ALAM PROJECT

The Wira Alam Project was launched on, 5 June, 1998, to motivate students to actively participate in environmental conservation activities in protecting and improving the quality of the environment.

This project was organized by the Department of Environment in collaboration with the Ministry of Education and the Malaysian Nature Society. This project is divided into three (3) stages, namely Wira Diri (Level 1), Wira Komuniti (Level 2) and Wira Alam (Level 3). Each student who participated in this programme need to complete the tasks in the activity book at each level provided before advancing to the next level.

In 2013, a total of 604 new applications were received to participate in this project. A total of 188 students had successfully completed Wira Diri (Level 1) and each of them received a certificate and a Wira Diri organizer. A total of 37 students had successfully completed Wira Komuniti (Level 2) and each received a certificate, bag, t-shirts and a cap. A total of 12 students had passed the Wira Alam (Level 3) where five (5) students from Sekolah Menengah Kebangsaan Bukit Jelutong, Selangor, and two (2) students from Sekolah Menengah Kebangsaan Batu Kawa, Sarawak passed with distinctions and were selected to receive the Wira Alam Award for 2012. These students eventually received RM300, a vest and a Wira Alam plaque.

Majlis Penganugerahan Projek Wira Alam 2012 telah diadakan serentak dengan sambutan Minggu Alam Sekitar Malaysia pada 27 Oktober 2013 bertempat di Presint 4, Putrajaya dan dirasmikan oleh YB. Datuk Seri G. Palanivel, Menteri Sumber Asli dan Alam Sekitar.

Pada tahun 2013 juga, satu siri Perkhemahan Projek Wira Alam telah diadakan di Rumah Panjang Bavanggazo, Kudat, Sabah pada 1-3 November 2013. Seramai 90 orang pelajar dari sekolah menengah sekitar daerah Kota Marudu, Kudat, Pitas dan Kota Belud telah menyertai perkhemahan ini. Pelbagai aktiviti telah dijalankan berdasarkan Buku Aktiviti Tahap 1 dan Tahap 2 seperti persembahan alam, sahabat pokok, kembara alam dan sebagainya.

The Wira Alam Award Ceremony 2012 was held in conjunction with the celebration of Malaysia Environment Week on, 27 October 2013, and was inaugurated by YB. Datuk Seri G. Palanivel, Minister of Natural Resources and Environment.

In 2013, a Wira Alam Project Camp was also held in Bavanggazo Longhouse, Kudat, Sabah, from 1-3 November 2013. A total of 90 secondary school students in the district of Kota Marudu, Kudat, Pitas and Kota Belud participated in the camp. Various activities were carried out based on Activity Book Level 1 and Level 2 such as nature presentation, 'sahabat pokok', hiking and others.

PENERIMA ANUGERAH WIRA ALAM 2012:

RECIPIENTS WIRA ALAM AWARD 2012:

Sekolah / School	: SMK Bukit Jelutong No. 2, Jalan Serambi U8/21, Bukit Jelutong 40150 Shah Alam, Selangor
Guru pembimbing / Teacher adviser	: En. Azka Zihni Mohd Azhar
Penerima / Recipients	: 1. Sandra Yeoh Chia Yi 2. Nadzmi Hadi Nuruzzaman 3. Mohd Nazhan Bin Mohd Nazir 4. Luqmanulhakim Bin Mohd Jailani 5. Ira Farhanah Binti Isa
Sekolah / School	: SMK Batu Kawa, Jalan Field Force, Off Jalan Batu Kawa, 93250 Kuching, Sarawak
Guru pembimbing / Teacher adviser	: Pn. Yap Dee Choo
Penerima / Recipients	: 1. Shahrul Ariffin Bin Othman 2. Chuan Ngee Teck

SEBARAN MAKLUMAT ALAM SEKITAR ENVIRONMENTAL INFORMATION DISSEMINATION

PROGRAM PROMOSI DAN SEBARAN MAKLUMAT KESEDARAN ALAM SEKITAR MENERUSI MEDIA MASSA

Dalam usaha untuk meningkatkan kesedaran mengenai alam sekitar di kalangan masyarakat, JAS turut menjalankan program kempen promosi menerusi media massa. Antara program yang dilaksanakan adalah seperti berikut:-

- (i) Kempen Promosi dan Sebaran Maklumat Mengenai Sambutan Minggu Alam Sekitar Malaysia di Stesen Radio Era, Sinar, Hot FM dan Hitz FM
- (ii) Kempen Promosi dan Sebaran Maklumat Mengenai Sambutan Minggu Alam Sekitar Malaysia menerusi Mesej MySMS kepada orang awam

Bersempena dengan sambutan Minggu Alam Sekitar Malaysia 2013 juga, sesi temubual di Stesen Radio turut diadakan seperti berikut:-

- (i) Sesi Temubual di Stesen Radio KLFM bersama Dato' Dr. Ahmad Kamarulnajib Che Ibrahim, Timbalan Ketua Pengarah (Pembangunan) pada 17 Oktober 2013

PROMOTION AND INFORMATION DISSEMINATION OF ENVIRONMENTAL AWARENESS PROGRAMME THROUGH MASS MEDIA

In effort to raise the environmental awareness among the public, the DOE has conducted a promotional campaign through the mass media. Among the programmes conducted are as follows: -

- (i) Promotional campaigns and dissemination of information on Malaysia Environment Week through Era, Sinar, Hot FM and Hitz FM Radio Stations.
- (ii) Promotional campaigns and dissemination of information on Malaysia Environment Week through 'MySMS' Message Service to the public

In conjunction with the Malaysia Environment Week 2013, radio station interviews were also conducted as follows:-

- (i) Interview session on KLFM Radio Station with Dato' Dr. Ahmad Kamarulnajib Che Ibrahim, Deputy Director General (Development) on, 17th October 2013

(ii) Sesi Temubual di Stesen Radio IKIM bersama En. Ir. Mohammad Ezanni Mat Salleh, Ketua Penolong Pengarah, Bahagian Komunikasi Strategik pada 29 Oktober 2013.

(ii) Interview session on IKIM Radio Station with Mr. Ir. Mohammad Ezanni Mat Salleh, Principle Assistant Director, Communication Strategic Division on, 29th October 2013

Satu Kempen Mempromosi Penjenamaan Semula Rakan Alam Sekitar telah diadakan bagi memperkenalkan lagu baru dan jingle Rakan Alam Sekitar. Kempen diadakan menerusi penyiaran di Stesen Radio Hot FM dan Sinar FM.

A Promotional Campaign on Rebranding of Rakan Alam Sekitar programme was conducted to introduce the RAS new song and jingle through the broadcasting on Hot FM and Sinar FM Radio Stations.

Bagi mengeratkan hubungan di antara JAS dengan pihak media, satu Majlis Mesra Bersama Media telah diadakan pada 19 Ogos 2013 bertempat di Hotel The Everly, Putrajaya. Majlis tersebut dihadiri seramai 30 orang wakil media dari pelbagai agensi.

To strengthen the relationship between the DOE and the media, 'Majlis Mesra Bersama Media' was held on, 19 August 2013, at The Everly Hotel, Putrajaya. A total of 30 media representatives were present at this event.

Majlis diadakan bertujuan untuk menghargai peranan pihak media dalam meningkatkan kesedaran masyarakat terhadap alam sekitar.

The event was held to recognize the media's role in raising public awareness on the environment.



Majlis Mesra Bersama Media di The Everly Hotel Putrajaya
Majlis Mesra Bersama Media, The Everly Hotel Putrajaya

PAMERAN AWAM

Pada tahun 2013, Jabatan Alam Sekitar Ibu Pejabat telah menyertai sebanyak 16 pameran bertemakan alam sekitar yang dianjurkan oleh institusi - institusi pengajian tinggi, sektor perindustrian, agensi kerajaan dan awam seperti berikut:

1. Pameran Sempena Persidangan IGM Putreach Programme 2013 ,The Garden Hotel, Midvalley, 29-30 Januari 2013
2. Pameran Sempena Green Day at Malaysia Airport Holding Berhad, Malaysia Airports Corporate Office, 14 Februari 2013
3. Kempen Dan Pameran Keselamatan & Kesihatan Pekerjaan TM 2013, Menara TM, Petaling Jaya, 4 – 5 Mac 2013
4. Pameran sempena Program A Night @ Planetarium Sempena Earth Hour, Planetarium Negara, 23 Mac 2013
5. Pameran sempena FSPPP Campus Green Day 2013, UiTM Shah Alam, 15 Mei 2013
6. Pameran sempena Festival Belia Putrajaya , Kementerian Belia Sukan, 23-26 Mei 2013
7. Pameran Sempena Stakeholder Consultative Workshop On River Pollution, Jabatan Pengairan dan Saliran(JPS), 27 Mei 2013

ENVIRONMENTAL EXHIBITIONS

In 2013, The Headquarters of the Department of Environment participated in 16 exhibitions organized by higher education institutions, industrial sectors, government agencies and the public sectors, as follows:

1. Exhibition on IGM Putreach Programme Conference 2013, The Garden Hotel, Midvalley, 29 – 30 January 2013
2. Exhibition on Green Day at Malaysia Airport Holding Berhad, Malaysia Airports Corporate Office, 14 February 2013
3. Campaign and Exhibition on Occupational Safety and Health TM 2013, Menara TM, Petaling Jaya, 4 to 5 March 2013
4. Exhibition on A Night @ Planetarium programme in conjunction with Earth Hour, Planetarium Negara, 23 March 2013
5. Exhibition on FSPPP Campus Green Day 2013, UiTM Shah Alam, 15 May 2013
6. Exhibition on Youth Festival Putrajaya, Ministry of Youth and Sports (KBS), 23-26 May 2013
7. Exhibition on Stakeholder Consultative Workshop On River Pollution, Department of Irrigation & Drainage (DID), 27 May 2013

8. Pameran Sempena Program Engineering And Technology Fest 2 Expo 2013, Universiti Tenaga Nasional(UNITEN) 17-18 Jun 2013
 9. Pameran sempena Majlis MoU Jabatan Alam Sekitar dengan Suruhanjaya Pencegahan dan Rasuah Malaysia(SPRM), Dewan Baiduri, 9 Julai 2013
 10. Pameran sempena Third Ministerial Regional Forum On Environment and Health In Southeast and East Asian Countries., Hotel Hilton, Kuala Lumpur, 9 – 10 September 2013
 11. Pameran Sempena Hari Inovasi 2013, Kementerian Sumber Asli dan Alam Sekitar, 29 – 30 Oktober 2013
 12. Pameran Sempena Kempen Kesedaran Alam Sekitar, George Kent (M) Sdn Bhd, 12 November 2013
 13. Pameran Sempena Sambutan Hari Kitar Semula Peringkat Kebangsaan 2013, Laman Pusat Pelancongan Malaysia (MaTiC), Kuala Lumpur, 16 November 2013
 14. Pameran Sempena Kempen Kesedaran Alam Sekitar, Bahagian Udara, (JAS) , 28 November 2013
 15. Pameran sempena Kempen Kesedaran Alam Sekitar, EXIM Bank, 4 Disember 2013
8. Exhibition on Engineering And Technology Fest 2 Expo 2013, Universiti Tenaga Nasional (UNITEN) 17-18 June 2013
 9. Exhibition on MoU signing ceremony between Department of Environment (DOE) and Malaysian Anti-Corruption Commission (MACC), Dewan Baiduri, 9 July 2013
 10. Exhibition on Third Ministerial Regional Forum On Environment and Health In Southeast and East Asian Countries, Hotel Hilton, Kuala Lumpur, 9 – 10 September 2013
 11. Exhibition on Innovation Day 2013, Ministry of Natural Resources and Environment, 29 – 30 October 2013
 12. Exhibition on Environmental Awareness Campaign, George Kent (M) Sdn Bhd, 12 November 2013
 13. Exhibition on National Recycle Day Celebration Laman Pusat Pelancongan Malaysia (MaTiC), Kuala Lumpur, 16 November 2013
 14. Exhibition on Environmental Awareness Campaign, Air Division, Department of Environment (DOE), 28 November 2013
 15. Exhibition on Environmental Awareness Campaign, EXIM Bank, 4 December 2013

16. Pameran sempena Minggu Kempen Kualiti, Alam Sekitar, Keselamatan Dan Kesihatan Pekerjaan 2013, TH Properties Sdn Bhd, 19 Disember 2013

16. Exhibition on Quality, Environment, Occupational Safety and Health Week 2013, TH Properties Sdn Bhd, 19 December 2013



**Pameran sempena Persidangan IGM outreach Programme 2013 ,
The Garden Hotel, Mid Valley, Kuala Lumpur pada 29-30 Januari 2013**

**Exhibition on IGM outreach Programme Conference 2013 ,
The Garden Hotel, Midvalley, 29-30 January 2013**



**Pameran Sempena Green Day di Malaysia Airport Holding Berhad,
Malaysia Airports Corporate Office, 14 Februari 2013**

**Exhibition on Green Day at Malaysia Airport Holding Berhad,
Malaysia Airports Corporate Office, 14 February 2013**



**Kempen Dan Pameran Keselamatan & Kesihatan Pekerjaan TM 2013,
Menara TM, Petaling Jaya, 4 – 5 Mac 2013**

**Campaign and Exhibition on Occupational Safety and Health TM 2013,
Menara TM, Petaling Jaya, 4 – 5 March 2013**



**Pameran sempena Program A Night @ Planetarium Sempena Earth Hour,
Planetarium Negara, 23 Mac 2013**

**Exhibition on A Night @ Planetarium programme in conjunction with Earth Hour,
Planetarium Negara, 23 March 2013**



Pameran sempena FSPPP Campus Green Day 2013, UiTM Shah Alam, 15 Mei 2013
Exhibition on FSPPP Campus Green Day 2013, UiTM Shah Alam, 15 May 2013



Pameran Sempena Program Engineering And Technology Fest 2 Expo 2013, Universiti Tenaga Nasional (UNITEN) 17-18 Jun 2013
Exhibition on Engineering and Technology Fest 2 Expo 2013, Universiti Tenaga Nasional (UNITEN) 17-18 June 2013

PERKHIDMATAN PERPUSTAKAAN-ENVIRO

Perpustakaan-Enviro yang terletak di Ibu Pejabat Jabatan Alam Sekitar berfungsi sebagai pusat rujukan kepada kakitangan JAS dan orang awam yang berdaftar sehingga 31 Disember 2013, koleksi bahan rujukan adalah sebanyak 20,101 buah. Bilangan pengunjung ke perpustakaan adalah seramai 809 orang dimana 53% daripadanya adalah kakitangan dan pegawai-pegawai Kerajaan. Lain-lain adalah dari pelbagai sektor seperti **Rajah 5.1, 5.2 dan 5.3.**

AKTIVITI PERPUSTAKAAN

Lawatan Sambil Belajar

Pada tahun 2013, Perpustakaan Enviro JAS Ibu Pejabat telah mengadakan Lawatan Sambil Belajar ke Pusat Pengurusan Ilmu Bank Negara, Perpustakaan Open University Malaysia dan Pesta Buku Antarabangsa pada 13 Februari, 4 April dan 5 Mei 2013.

Bengkel Penulisan Portal

Bengkel ini telah diadakan pada 9 - 10 April 2013 di JAS Ibupejabat. Peserta terdiri daripada kakitangan-kakitangan Jabatan Alam Sekitar.

Pertandingan Fotografi

Sempena Minggu Alam Sekitar Malaysia 2013. Perpustakaan telah menganjurkan Pertandingan Fotografi. Pertandingan ini terbuka kepada warganegara Malaysia dan dibahagikan kepada dua (2) kategori iaitu Flora & Fauna dan Alam Semulajadi.

ENVIRO-LIBRARY SERVICES

The Enviro-Library located at the DOE Head Office serves as an important reference centre, both for DOE staff and registered public users. As of, 31 December 2013, the total collection of reference materials are 20,101 items. The number of visitors to the library reached 809 people, of which 53% were employees and government officials and the rest were from various sectors as show in **Figures 5.1, 5.2 and 5.3.**

LIBRARY ACTIVITIES

Study Visit

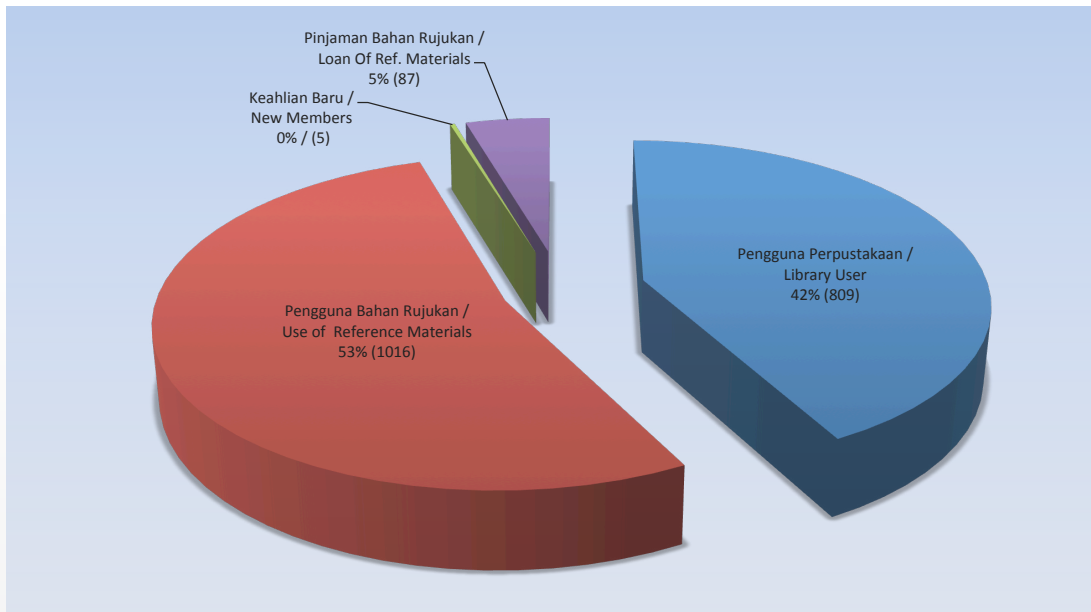
In 2013, the DOE Enviro-Library Head Office organized three (3) study visits for its staff namely to the Knowledge Management Center, Bank Negara Malaysia, on 13 February 2013, Library of Open Universiti Malaysia on 4 April 2013, and The KL International Book Fair on 5 May 2013.

Writing workshops

This workshop was held on 9-10 April 2013 at DOE Headquarters and was participated by DOE staff from all divisions.

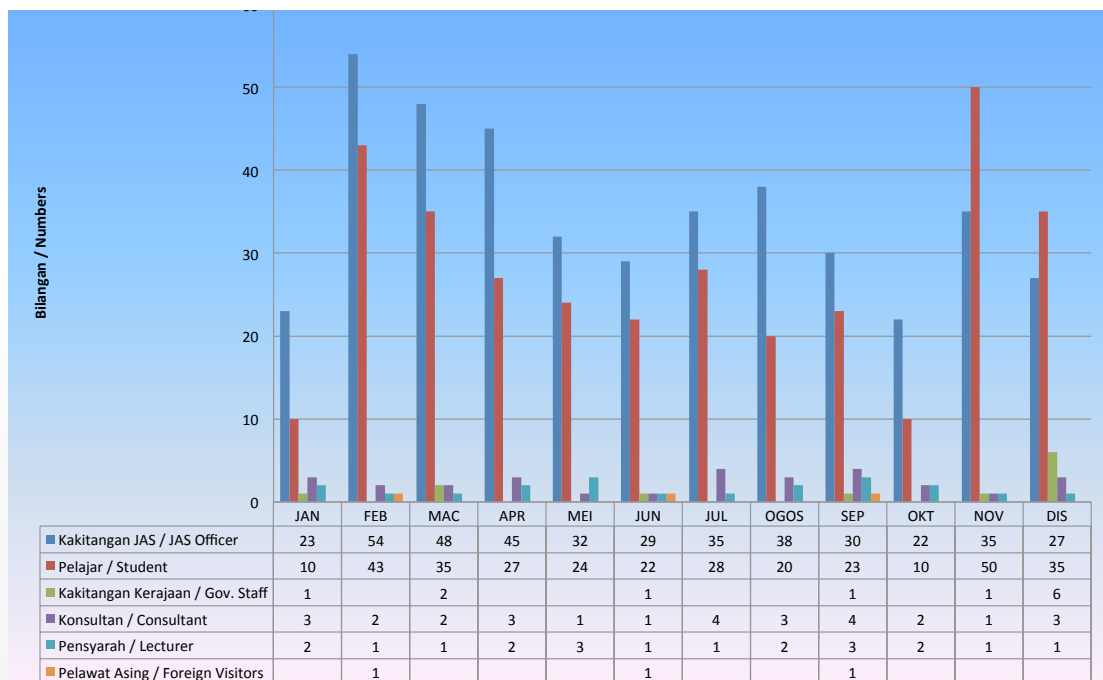
Photography Competition

The Photography competition was held in conjunction with Malaysia EnvironmentWeek. The competition was open to all Malaysian citizens and was divided into two (2) categories, Flora & Fauna, and Nature.



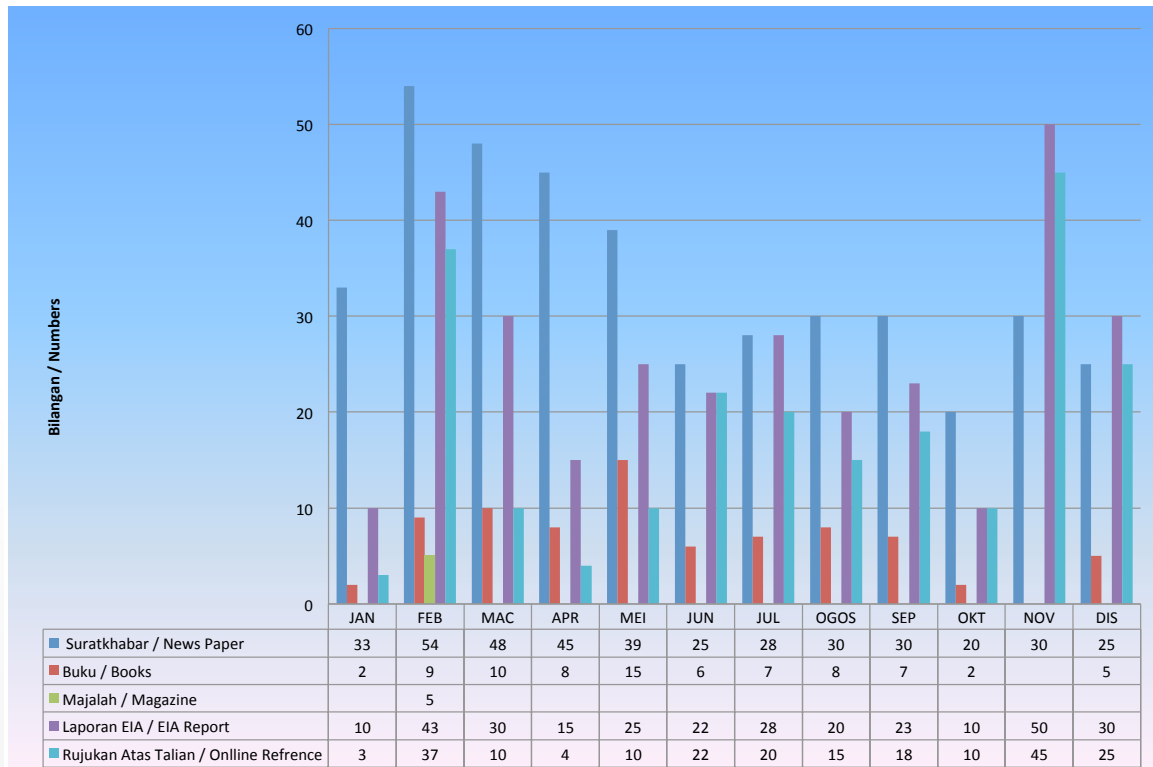
Rajah 5.1 JAS : Perkhidmatan Perpustakaan, 2013

Figure 5.1 DOE : Library Services, 2013



Rajah 5.2 JAS : Bilangan Pengunjung Perpustakaan (Bulanan), 2013

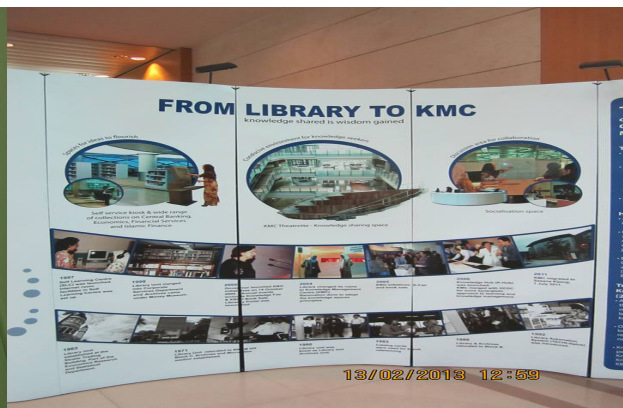
Figure 5.2 DOE : Number of Library Users,(Monthly), 2013



Rajah 5.3 JAS : Bilangan Penggunaan Bahan Rujukan Di Perpustakaan 2013
Figure 5.3 DOE : Number Of Reference Materials Use In Library 2013



Bengkel Penulisan Portal
Portal Writing Workshop



Lawatan ke Pusat Pengurusan ILmu Bank Negara Malaysia
A Visit to Knowledge Management Center, Bank Negara Malaysia



**Pemenang Pertandingan Fotografi Sempena MASM 2013 /
MASM 2013 Photography Competition**



**Koleksi Pertandingan Fotografi Sempena MASM 2013
Collection of Photography Competition in Conjunction with MASM 2013**