

Contents

Executive summary.....	3
Background.....	5
Objective.....	5
Theme.....	5
Slogan.....	5
Preparation for WWD 2013.....	5
Participation.....	8
Activities.....	9
Evaluation.....	10
Lessons Learnt.....	12
Acknowledgement.....	13
APPENDIX.....	14
Appendix 1: Proposal.....	15
Appendix 2: Programme Booklet.....	19
Appendix 3: Promotional Materials.....	21
Appendix 4: VIPs Talking Points.....	30
Appendix 5: Nature Talks.....	32
Appendix 6: Evaluation Form.....	51
Appendix 7: Press Briefs.....	52
Appendix 8: Budget.....	54
Appendix 9: East Asian –Australasian Flyway (EAAF) Campaign.....	55
Appendix 10: North Central Selangor Coast Important Bird Area (MY011-IBA).....	58
Appendix 11: Photographs.....	62

World Wetlands Day 2013 @ Kuala Selangor Nature Park

Executive summary

The World Wetlands Day (WWD) is celebrated worldwide on the 2nd February every year by government agencies, NGOs and community groups. The date is the adoption date of the Convention on Wetlands in 1971 at the city of Ramsar, Iran.

This year's theme is **Wetlands and Water Management**, with a slogan "*Wetlands Take Care of Water*" to raise the public awareness of the interdependence between water and wetlands.

The WWD2013 organised by the Malaysian Nature Society and Kuala Selangor Nature Park was supported by the Ministry of Natural Resources and Environment (KSAAS), Ministry of Higher Education (KPT), Selangor State Government, Kuala Selangor District Council (MDKS), Selangor Water Management Authority (LUAS), RICOH Malaysia, V.I.V.E. and HSBC Bank Malaysia Berhad.

In conjunction with the World Wetlands Day (WWD), the celebration in Kuala Selangor Nature Park (KSNP) is to generate awareness for the Kuala Selangor community's as well as the public, on our precious wetlands especially Kuala Selangor Nature Park as well as responsible use of water and reducing our water footprint. Wetlands are critical for the human health and well being.

This year's KSNP open day event are focused on the youths' participation in wetlands and water conservation, carried out by the UKM students for the school children under the nature awareness campaign- SEE Nature program. Amongst other public activities were guided walk and two nature talks, a video screening and exhibitions. CSR (corporate social responsibility) events were mangrove saplings planting in the KSNP, and boat ride along the Selangor Coast to witness the waterbirds on the mudflats and the socio-economic activities of fisherflok like cockle harvesting. The event was participated by 270 registered participants with over 200 walk in public.

The SEE Nature programme in KSNP is a youth volunteer programme organised by UKM with MNS as partners and supported by Ministry of Higher Education (MOHE). The inaugural program began in 2012 where 24 UKM's students received work experiential training from MNS. Since it was successful, we are launching the SEE Nature Program this year. SEE is an abbreviation for Seek, Educate and Embrace Nature which aims to inculcate nature awareness, outreach to the community and develop generic student competency according to MOHE.

SEE Nature falls under the Communication, Education and Public Awareness (CEPA) activities of a larger Campaign which is the East Asian-Australasian Flyway Partnerships (EAAFP) under which Malaysia became the 28th partner to protect this important roosting and feeding wetlands for migratory birds. One of the two most important wetlands are the mudflats and mangroves along the North Central Selangor Coast which is an Important Bird Area (IBA). KSNP is situated centrally along the Flyway. To further enhance protection of KSNP, a suggestion will be to designate it as a Ramsar site which will then be a world class managed wetlands for biodiversity conservation & ecotourism.

Examples of protected wetlands like the 'KSNP Ramsar Site' can then be replicated at other districts within the State and at National level to sustainably manage the wetlands at the same time taking care of the water resources for the future generations.

This year is also the United Nations **International Year of Water Cooperation** which also focused on the importance of freshwater and advocating for the sustainable management of freshwater resources.

So please do not waste water or destroy the wetlands and have a nice day.

Background

The World Wetlands Day is celebrated worldwide on the 2nd of February for every each year. The date has been adopted on the Convention on Wetland in 1971 at the Iranian city of Ramsar on the shore of the Caspian Sea and each year since 1997, government agencies, non-governmental organisations, and groups of citizens at all levels of the community have taken advantage of the opportunity to undertake actions at raising public awareness of wetlands values and benefits in general and the Ramsar Convention in particular.

In conjunction with the World Wetlands Day (WWD) the Malaysian Nature Society (MNS) took the opportunity to celebrate and educate the Kuala Selangor communities as well as the public on our precious wetlands especially Kuala Selangor Nature Park (KSNP). The WWD is a public open day event celebrated annually in (KSNP since 2009).

The celebration was supported by the Ministry of Natural Resources and Environment (KSAAS), Ministry of Higher Education (KPT), the Selangor State Government, the Kuala Selangor District Council (MDKS), Selangor Water Management Authority (LUAS), together with the private organisations i.e. RICOH Malaysia, V.I.V.E. and HSBC Bank Malaysia Berhad.

Objective

The objective for the WWD 2013 celebration:

- a. To raise the community's awareness on the interdependence between water management and wise use of wetlands in Kuala Selangor;
- b. To highlight ways to ensure responsible use of water and reducing the water footprint; and
- c. To highlight the roles of wetlands is critical for the human health and well being.

Theme

This year's international theme is: Wetlands and Water Management. (*Tanah Lembap dan Pengurusan Sumber Air*)

Slogan

This year's international slogan is: Wetlands Take Care of Water (*Tanah Lembap Memulihara Air*)

For more information on the WWD please refer to the Ramsar website: www.ramsar.org

Preparation for WWD 2013

1. Conceptualisation

The conceptualisation of this year's celebration began in December 2012 following the MNS Council's decision to propose KSNP as a Ramsar site to the government. WWD 2013 will be

a good venue to announce the proposal. This is in line with the MNS East Asian-Australasian Flyway Campaign to help promote Malaysia’s commitment (the 28th partner on November 2012) in the coastal wetlands conservation for migratory birds as well as the biodiversity and livelihood of local communities. One of the two most extensive mudflats and mangroves area is in the North Central Selangor Coast Important Bird Area (IBA) and the Bako-Buntal Bay IBA, Sarawak. KSNP being the center of the North Central Selangor Coast IBA, therefore it will be appropriate to upgrade the KSNP status to an international status of a Ramsar site for better management and socio-economically will benefit the country. MNS, who manage the KSNP on behalf for the State government will use it as a base for CEPA and conservation work for the Flyway Campaign. At the same time MNS is promoting youth participation in conservation and community work in Kuala Selangor District, which is part of the CEPA of the Flyway Campaign (www.eaaflyway.net/). The UKM-MNS SEE Nature (www.facebook.com/seenature.ukm) inaugural launch will be most appropriate during the WWD. (Appendix 10: North Central Selangor Coast Important Bird Area MY011- IBA)

2. The proposal

The World Wetlands Day Program 2013 proposal was approved by management on the 8th of January 2013 and was sent out to the government and corporations for financial support. The message will follow the international theme of the importance of wetlands and water resource management, plus the announcement of the Flyway Campaign. (Appendix 1: Proposal).

3. Support and partnership

The response was encouraging from the government and corporations and the WWD celebration went ahead with as many activities as proposed. (re: Appendix- Budget). KSAAS and Selangor State government supported financially, LUAS gave a nature talk and supported with 600 mangrove saplings for planting and MDKS launched the event and supported in kind from the various departments during the event. LUAS will be MNS’s partner in the Flyway Campaign and working together with the KSAAS, Selangor State and MDKS towards KSNP achieving as a Ramsar site. KPT supported the SEE Nature program for the students’ activities and meals and UKM sponsored 100 participants’ goody bags and VIP souvenirs (together with MNS).

CSR activities were from Ricoh Malaysia (Flyway campaign materials and boat ride), HSBC (tree planting) and V.I.V.E (100 goody bags and exhibits). (Appendix 8: Budget)

4. Development of local promotional materials

The development of the promotional materials was from the cooperation from Ramsar and the EAAF secretariat. MNS requested thematic files from the two organizations to be adapted for a localized flavor which they encouraged. Final copies of the localized materials and reports were sent back for their websites on WWD and EAAFP activities in other countries. The promotional materials were WWD T-shirts, WWD stickers, WWD posters and EAAF posters. (Appendix 3: Promotional materials)

Sponsors	Promotional items	Promoted
KSAAS	200 WWD T-shirt	200 for WWD participants
	1,000 WWD posters	200 for KSAAS 200 for WWD participants

		420 for MNS School Nature Clubs (KPA) and MNS Centers 40 for MNS Branches 140 for exhibition events (WWD at Raja Musa Peat Swamp Forest Reserve, MATTA Fair, Raptor Watch Week and at the BERJAYA Foundation exhibition)
	1,000 WWD stickers	As above
	150 certificates	150 for WWD participants
	Postage and packaging	To send to the KPA schools
	2 WWD banners, 1 WWD backdrop & 1 launch gimmick banner (Flyway Campaign, KSNP for Ramsar and SEE-Nature program)	Used in WWD
Ricoh Malaysia	4 EAAF posters	2 exhibited during WWD 2 for KSAAS
	1,000 EAAF Campaign badges	200 for WWD participants Balance of 800 for next Campaign use.

5. Cooperation

Apart from sponsorship in cash or in kind, other cooperation were given by the partners, volunteers, community groups & school groups. This year's KSNP open day event were focused on the youths' participation in wetlands and water conservation, carried out by the UKM students for the 55 school children from 3 schools, under the nature awareness campaign-SEE Nature program. Most of the WWD ground preparation and running was by the 20 UKM students.

The public activities were guided walk by three MNS member volunteers. The two nature talks were given by LUAS and from MareCet. A video screening was from UKM on the SEE-Nature program. The exhibition booths were from MDKS, LUAS, V.I.V.E, UKM, MNS and community based organizations- *Sahabat Hutan Bakau* from Perak and *Sahabat Hutan Gambut* from Selangor.

CSR (corporate social responsibility) events were 600 mangrove saplings planting in the KSNP which HSBC staffs and public planted with the help from ten LUAS staffs. (Appendix 5: Nature Talks)

6. Event Organizing

The timeline for organizing the WWD event is 25 days, as follows:

Date	Activity
8/1/13	The MNS secretariat met with UKM on the WWD.
9/1/13	Proposal was send to various supporters
14/1/13	The MNS organising committee met and given tasks..
15/1/13	Announced in Tapir Newsletter of the MNS Selangor Branch and website,

	Facebook and Twitter. Source files on WWD received from Ramsar and EAAF secretariat.
16/1/13	Confirmation of support from KSAAS. LUAS indicated.
17/1/13	IBA posters designed by an intern and printed. Ramsar, WWD, posters, stickers, T shirts, Button badges, certificates designed and sent to printer for translating to vector designs.
18/1/13	Talking points written up for the VIPs.
19/1/13	LUAS sponsored 600 tree saplings, give a nature talk and manpower during the event. Invited MareCet for the nature talk. Invited the Community groups and VIVE.
20/1/13	Ricoh supported the EAAF campaign and boat ride
24/1/13	Preparation meeting with KSNP, and UKM. UKM students will organise and run almost the entire the event. UKM will send internal media group.
25/1/13	A pre -event meet for the internal team and updates.
26/1/13	Final edited version of the promotional material designs.
29/1/13	HSBC sponsored the preparation planting and setting up of nursery. Preparation work for the planting and nursery started.
30-31/1/13	Internal preparation work- name tags, feedback forms designed, registration tables, programme booklets printed. Received part of the printed materials
1/2/13	Final preparation work which includes packing goody bags, setting up the booths, decorating the auditorium, putting up banners, trail run of the launch.
2/2/13	Received the 600 tree saplings in the morning. Press release. World Wetlands Day 2013. Most of the tidying was done in the evening.

Participation

A total of 270 registered invited participants and more than 200 public celebrated WWD 2013 in Kuala Selangor Nature Park. The breakdown is as below:

<u>Organisation</u>	<u>Registered participants</u>
1. Government (KSAAS, LUAS, MDKS, Selangor)	88
2. Supporters-Private Corporations (Ricoh, HSBC, V.I.V.E.)	44
3. Community groups/NGO (St. John Ambulance, GEC, Sahabat Hutan Paya Gambut, Sahabat Hutan Bakau)	15
4. Institution (Universiti Kebangsaan Malaysia)	26
5. Schools from Kuala Selangor (SMSKS, SSAAS, SMKKS)	58
6. Media (UKM)	5
7. MNS staffs and members	22
8. Public (registered only)	12
Total registered participants	270
Unregistered walk in participants	more than 200

Activities

Celebrating *World Wetlands Day* in KSNP is an illustration of how apt this year's theme is as KSNP's main concern is to highlight the importance of wetlands and water management. (Appendix 2: Programme Booklet)

1. Exhibition Booths

Five awareness booths were set up:

1. Government: LUAS's booth highlighted on the river basin and demonstration on water quality testing; MDKS's booth offered special discounts on the firefly tour in Kg Kuantan;
2. Community groups: Sahabat Hutan Bakau, a community group from Kuala Gula, Perak, highlighted the mangrove ecosystem and products derived from the mangroves; Sahabat Hutan Paya Gambut, a community group from the North Selangor Peat Swamp, highlighted the peat swamp ecosystem;
3. Institution: Universiti Kebangsaan Malaysia, our youth education partner, highlighted the SEE Nature Programme, and educational program on environment and community participation.
4. Corporation: VIVE, a company dealing with stationery products made from recycled materials; and
5. Malaysian Nature Society: our booth which also the registration booth, explained the East Asian-Australasian Flyway Partnership, Ramsar, Kuala Selangor Nature Park and the MNS Youth Kelab Pencinta Alam (KPA) membership-drive programme.

2a. Launching Ceremony

A welcome speech by Prof. Dr. Maketab Mohamed, President of the Malaysian Nature Society (MNS). Followed by a speech by Y.Bhg. Prof. Dato' Dr. Saran Kaur Gill, Timbalan Naib Canselor Hal-ehwal Jaringan Industri & Masyarakat, Universiti Kebangsaan Malaysia (UKM). The Y.D.P. of Majlis Daerah Kuala Selangor (MDKS), Puan Hajah Noraini Bt. Roslan officially launched the WWD 2013. A launch gimmick was the unfurling of a banner by the above three VIP together with Puan Siti Madzlina binti Salahudin, Assistant Secretary, Department of Biodiversity Management and Forestry, MNRE representative and En Ishak Kamaruzaman, LUAS representative. The launched of 3 important conservation work in Selangor. The wordings on the banner were "East Asian-Australasian Flyway Campaign", "Kuala Selangor Nature Park for Ramsar" and "Kempen Kesedaran Alam- SEE Nature Program" (Appendix 4- VIP's Talking Points)

2b. Launch Gimmick

Firstly, the East Asian- Australasian Flyway Campaign, an MNS campaign to conserve the important mudflats and wetlands along the North Central Selangor Coast, which is recognized as an Important Bird Area (IBA). This IBA is along the coast from the Klang Islands to the Sungai Bernam. This is one of the two most important migratory bird roosting and feeding sites along the Flyway in Malaysia. Malaysia being the 28th partner since last November 2012 committed to protect this international Flyway. Secondly, Kuala Selangor Nature Park located centrally along this Flyway, justifies itself to be upgraded from a city park to an internationally recognized wetlands status which is the Ramsar site. The push for a proposed KSNP Ramsar site will show that Malaysia's obligation to the Flyway

Partnership, and with the international status, KSNP will be better managed and protected and attract more foreign tourists; thus doing good for the socio-economy of Kuala Selangor as well as for the nation. Thirdly, MNS being the NGO CEPA focal point for Malaysia, will initiate a CEPA program to generate awareness among the local communities, private enterprises and local government along the Flyway. The first target will be the youths which the UKM-MNS partnership environmental education programme called SEE Nature will enable CEPA activities among the local communities. (Appendix 7: Press briefs)

3. Schoolchildren's Nature Activities

This year's celebration was unique with Universiti Kebangsaan Malaysia's students or the KSNP Ambassadors, playing an active role in planning, preparing, running and facilitating most of the activities. This is part of the SEE Nature Programme. The KSNP Ambassadors facilitated educational nature walks and activities to 55 schoolchildren from three invited schools (Sekolah Menengah Sains Kuala Selangor, SMK Kuala Selangor and Sekolah Sultan Abdul Aziz Shah) and the public. Activities included a mangrove interpretative walk; bird watching, water quality testing, and mangrove clean up. The last activity involved the schools to compete with the heaviest collection of rubbish from the mangroves.

The public too had the opportunity to explore the importance of the Park ecosystem and its surrounding environment, plant mangrove saplings, and learn from the booths and nature talks.

4. Tree Planting

Apart from that, 600 mangrove saplings were contributed by LUAS to enrich the mangroves of KSNP and along the coast. HSBC (Data Processing) Bhd. contributed to the mangrove nursery establishment, preparation and planting of mangrove seedlings by 60 of their employees together with the public. Ten LUAS employees supervised in the planting.

5. Nature Talks

Two nature talks appropriately titled for the day were "*Wetlands and Water Management*" by En. Ishak Kamaruzaman from LUAS. "*Wetlands and Marine Mammals off Selangor Coast*" was presented by En Fairul Izmal Jamal Hisne from MareCet (Marine base NGO). A prize giving ceremony for the most rubbish collected by the school groups and giving out the certificate of participation closed the event. (Appendix 5: Nature Talks)

6. Flyway Boat Visit

To cap-off the event, the UKM participants, MNS staffs and supporters were given an opportunity of visiting and understanding the N-C Selangor Coast Flyway. Five fishing boats were rented from the local fisherfolk community of Sungai Buloh and head out to the shallow coast of mudflats and mangroves. The mangrove river bank and mudflats are teeming with birdlife and other wildlife. This is also the most important cockle beds in Malaysia. The livelihood of the local community was witnessed. This activity is sponsored by RICOH Malaysia.

Evaluation

The simple evaluation or feedbacks were to gauge public's perception on the WWD event, the KSNP, and the conservation aspects (Flyway Campaign, Ramsar site). This will allow for

continuity, changes or improvements in organizing for future WWD, managing the Park, and on better ways to create awareness.

The forms were passed to the participants once they registered and as an incentive gifts of poster and badges were given to them once they handed over the form. (Appendix 6: Evaluation Form)

We received 65 feedback forms from the participants or 32.5% as per table below:

Breakdown of respondents	
Students	54
Adults	11
Total responded	65
Forms given out	200

Responses to Questionnaire	
Agreed to all (Yes)	35
Mixed results	30

Feedbacks from respondents			
1. WWD	agreed	not agreed	% agreed
WWD well run	65	65	100.00
satisfied with guided walk & talk	62	65	95.38
exhibit easy to understand	62	65	95.38
aware of wetlands importance	63	65	96.92
satisfied with meals	59	65	90.77
2. KSNP			
Park is peaceful & conducive	65	65	100.00
facility is enough	54	65	83.08
trail easy and signposted	53	65	81.54
Park should be conserved	65	65	100.00
Will visit again	65	65	100.00
3. Others			
know what wetlands is	63	65	96.92
know what Ramsar is	51	65	78.46
know the EAAF Campaign	64	65	98.46
support SEE Nature program	65	65	100.00
more community should join as volunteer	65	65	100.00

35 respondents were satisfied with the WWD event, the KSNP, and the conservation aspects.

Additional written comments included:

- Shuttle vehicles needed from the event hall to the planting area

- The schoolchildren are satisfied with the facilitation by UKM
- Continue to run such program
- Like KSNP and mentioned to protect the Park
- Understand the environmental issues

30 respondents had mixed responses to the three categories.

A few comments on:

- Not satisfied with the meals
- No water was provided
- KSNP facilities are not enough
- Trails are not easy, safe or well sign posted
- Not easy to understand the materials
- Not understand EAAF
- Not sure what is a Ramsar site

Single comment on:

- Not satisfied with the walks and talks
- Get more schools to volunteer
- *Bekerja sama* comment without any further explanation.
- Not understand the importance of wetlands
- Don't know what is wetlands

Lessons Learnt

This event was planned in January 2013, after the MNS Council members call for KSNP to be a Ramsar site in December 2012, Malaysia became a partner in the EAAFP end of 2012 and UKM wanted an inaugural launch of the SEE Nature program. MNS management finally gave the go ahead on the Flyway Campaign which encompassed the two initiatives during the World Wetlands Day which was less than a month away. We went ahead with much confidence in a good initiative in getting funding. The confirmation from KSAAS, Ricoh, LUAS, HSBC, VIVE, MDKS and Selangor State government came in as cash or in kind, just in time.

The range of coverage and publicity was limited but even then we managed to get 270 registered participants and another 200+ walk in public participants. The next WWD will be planned much early.

From the feedbacks, basically 54% were satisfied with the event, the KSNP and conservation aspects. The other 46% had mixed responses, mainly on food and activities, the lack of signage and facilities in the KSNP; and perhaps the reach-out materials were not easy to understand or no one explained at the exhibit area.

Acknowledgement

Our heartfelt gratitude to those who have made the World Wetlands Day 2010 program possible:

Ministry of Natural Resources and Environment (KSAAS)
Ministry of Higher Education (KPT)
Selangor State Government
Selangor Water Management Authority (LUAS)
District Council of Kuala Selangor (MDKS)
The National University of Malaysia (UKM)
Ricoh Malaysia
V.I.V.E.
HSBC Bank Malaysia Berhad (Data Processing)
Sekolah Menengah Kebangsaan Sultan Abdul Aziz Shah Kuala Selangor
Sekolah Menengah Kebangsaan Kuala Selangor
Sekolah Menengah Sains Kuala Selangor
Facilitators (UKM students)
Exhibitors (V.I.V.E., UKM, LUAS, MDKS, Sahabat Hutan Bakau, Kuala Gula, Perak and Sahabat Hutan Gambut, Kg Raja Musa, Selangor)
St. John Ambulance
Volunteers from MNS Selangor Branch
Speakers (LUAS, and MareCet)
MNS Staffs
KSNP staffs
&
The public

APPENDIX

WORLD WETLANDS DAY PROGRAM | 2013



WORLD WETLANDS DAY 2013

THEME: WETLANDS TAKE CARE OF WATER

CELEBRATION TOGETHER WITH
RICOH, COCA COLA, MAJLIS DAERAH KUALA SELANGOR,
LEMBAGA URUS AIR SELANGOR, SELANGOR STATE
GOVERNMENT, AND MINISTRY OF NATURAL RESOURCES &
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WORLD WETLANDS DAY PROGRAM | 2013

1. Program title:

THEME : WETLANDS TAKE CARE OF WATER

2. Objective:

- a. To raise the community's awareness on the interdependence between water management and wise use of wetlands in Kuala Selangor
- b. To highlight ways to ensure responsible use of water and reducing the water footprint.
- c. To highlight the roles of wetlands is critical for the human health and well being.

3. Period:

This one (1) day public open day event will be held on the 2nd February, 2013.

4. Budget: RM25,000

5. Participation

Invited participant's: 200 pax

1. Universiti Kebangsaan Malaysia (KSNP Ambassadors @ 40 pax)
2. Schools from Kuala Selangor (4 schools @ 80 pax)
3. Students and teachers from Indonesia (40pax)
4. Community groups (4 groups = 20 pax)
5. Supporters (3 companies = 10 pax)
6. Government (MNRE, LUAS, MDKS, Selangor State = 10 pax)
7. MNS members (> 100 pax)
8. Public (> 200 people)

6. Background

The World Wetlands Day is celebrated worldwide on the 2nd of February for every each year. The date has been adopted on the Convention on Wetland on 2 February 1971 at Iranian city of Ramsar on the shore of Caspian Sea and each years since 1997, government agencies, non-governmental organizations, and groups of citizens at

WORLD WETLANDS DAY PROGRAM | 2013

all levels of the community have taken advantage of the opportunity to undertake actions aimed at raising public awareness of wetland values and benefits in general and the Ramsar Convention in particular.

In conjunction with the World Wetlands Day, we would like to take this opportunity to celebrate and educate the Kuala Selangor communities as well as the public on our precious wetlands especially Kuala Selangor Nature Park.

This program contains activities concerning the ecological services of mangrove; hands-on education, problem solving, leadership, communication, and basic skills. It engages the public to explore the environment together with issues for a behavior change and to work together and make a difference.

7. Activities

This year's activities are special with KSNP ambassadors from the Universiti Kebangsaan Malaysia who will facilitate educational walks and talks to the schools and public. Awareness booths by community groups, wetland supporters/ MNS members and local government will be set up, talks and exhibition on wetlands subject will be held at the centre and other hands-on activities like mangrove walk (and clean up), using water testing kit, tree planting, bird watching, visiting migratory bird sites and firefly watching, amongst others will be conducted in a carnival-like atmosphere.

8. Evaluation

Questionnaires will be given to participants on the event date to facilitate public's feedback on the program. A report will also be prepared and submitted by the organizer (MNS) to MNRE (as the Ramsar country focal point) on the event.

9. Budget

No.	Items	RM
1	Establishment and launching cost (Rental of canopy, exhibition board, audio/ video equipments, banners, backdrop, souvenirs)	2,500
2.	Refreshments (2x) and lunch/ dinner (@ 200 people)	4,000

WORLD WETLANDS DAY PROGRAM | 2013

3	T-shirt (@ 200 pax)	3,000
4	Honorariums for school participation (@ 4 schools)	1,000
5	Honorariums for community participation (@ 4 groups)	1,000
6	Mangrove walk/ Bird watching (@200 pax)	1,000
7	Tree planting/ Water monitoring (@200 pax)	3,000
8	Boat tour to watch migratory birds (@ 100 pax)	3,000
9	Firefly watch at Kg. Kuantan (@ 100 pax)	2,000
10	Ramsar awareness materials (Posters/ brochures/ stickers)	3,000
11	MNS staff time, plus management fee	1,500
	TOTAL	25,000

*** These costing exclude MNS/ KSNP contribution towards accommodation and facilities rental.

10. TENTATIVE PROGRAMME FOR WORLD WETLANDS DAY 2013

Time	Activity
8.30 am	Arrival of participant and registration
9.00 am	VIP arrival
9.15 am	Welcoming speech by organisor Speech by Ramsar focal point Presentation of souvenirs Visit to public booths and public exhibition
10.00 am	Morning refreshments and media Interview of VIPs
10.30 am	Activities coordinated by UKM Students/ Ambassadors in Kuala Selangor Nature Park (Part 1) - Mangrove talk/ Mangrove walk & clean-up/ Tree planting/ Water monitoring/ Bird watching/ etc
1.00 pm	Lunch
2.00 pm	Activities coordinated by UKM Students/ Ambassadors in Kuala Selangor Nature Park (Part 2) - Mangrove talk/ Mangrove walk & clean-up/ Tree planting/

Water monitoring/ Bird watching/ etc

4.00 pm	Evening refreshment
5.00 pm	**Boat tour to watch migratory birds at the Kuala Selangor mudflats
7.00 pm	Dinner
8.30 pm	Firefly watch at Kg. Kuantan
10.00 pm	End of Programme

****NOTE: Schedule subject to weather and tide conditions**

Appendix 2: Programme Booklet

Atur Cara

- 8.30 am** : Ketibaan Para Peserta dan Pendaftaran Pelajar Sekolah
- 9.00 am** : Ketibaan Tetamu Jemputan
- 9.15 am** : Bacaan doa
- : Ucapan Alu-aluan oleh Prof. Dr. Maketab Mohamed, Presiden, Malaysian Nature Society (MNS)
- : Ucapan oleh Kementerian Sumber Asli dan Alam Sekitar (MNRE)
- : Ucapan oleh YBhg. Prof. Dato' Dr. Saran Kaur Gill, Timbalan Naib Canselor Hal-ehwal Jaringan Industri & Masyarakat, Universiti Kebangsaan Malaysia (UKM)
- : Ucapan oleh Puan Hajah Noraini Bt. Roslan, Y.D.P., Majlis Daerah Kuala Selangor (MDKS)
- : Upacara Perasmian (Gimmick)
- : Penyampaian Cenderamata
- : Lawatan ke Tapak Pameran
- 10.00 am** : Jamuan dan sesi sidang media
- 10.30 am** : Kempen Kesedaran Alam *SEE Nature 2013* oleh Mahasiswa UKM / Duta Taman Alam Kuala Selangor (Bahagian 1)
- : Lawatan ke paya bakau/pembersihan/pemantauan air/ pemerhatian burung/penanaman pokok dan sebagainya.
- 1.00 pm** : Makan Tengah hari
- 2.00 pm** : Kempen Kesedaran Alam *SEE Nature 2013* (Bahagian 2)
- : Tayangan video Paya Bakau dan bual bicara.
- : Penyampaian sijil penghargaan kepada penganjur & sekolah terlibat.
- 3.30 pm** : Minum petang Bersurai.

Anjuran bersama:

Malaysian Nature Society, Taman Alam Kuala Selangor, Kementerian Sumber Asli dan Alam Sekitar, Kementerian Pengajian Tinggi, Majlis Daerah Kuala Selangor, Lembaga Urus Air Selangor, Universiti Kebangsaan Malaysia, RICOH Malaysia, HSBC, dan V.I.V.E.

Hari Tanah Lembap Sedunia 2013

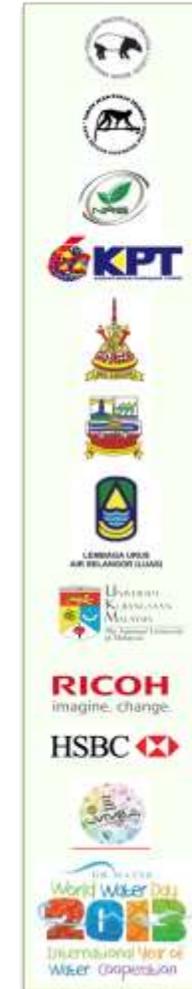
*"Tanah Lembap dan
Pengurusan Sumber Air"*

**World Wetlands Day
2013** *"Wetlands and Water Management"*

**2 Februari 2013
8 pagi- 3 petang
Taman Alam Kuala Selangor**



Kelip-kelip berkelipan di atas pokok pada waktu malam tepi tasik Taman Alam Kuala Selangor Liew WK. <http://www.flickr.com/people/liewwk/>



World Wetlands Day Celebration at Kuala Selangor Nature Park

The WWD is celebrated worldwide on the 2nd February every year by government agencies, NGOs and community groups. The date has been adopted on the Convention on Wetlands in 1971 at Ramsar, Iran.

This year's theme is **Wetlands and Water Management**, with a slogan "Wetlands Take Care of Water" to raise the public awareness of the interdependence between water and wetlands.

In conjunction with the World Wetlands Day (WWD), the celebration in Kuala Selangor Nature Park (KSNP) is to generate awareness for the Kuala Selangor community's as well as the public, on our precious wetlands especially Kuala Selangor Nature Park as well as responsible use of water and reducing our water footprint. Wetlands are critical for the human health and well being.

This year's KSNP open day event are focusing on the youths' participation in wetlands and water conservation, carried out by the UKM students for the school children under the nature awareness campaign-SEE Nature program (<http://www.facebook.com/seenature.ukm>). Amongst other public activities will be guided walk and talks, video screenings and exhibitions. CSR (corporate social responsibility) events will include mangrove saplings planting in the KSNP, and boat ride along the Selangor Coast.

The SEE Nature programme in KSNP is a youth volunteer programme organised by UKM with MNS as partners and supported by Ministry of Higher Education (MOHE). The inaugural program began in 2012 where 24 UKM's students received work experiential training from MNS. Since it was successful, we are launching the SEE Nature Program this year. SEE is an abbreviation for Seek, Educate and Embrace Nature which aims to inculcate nature awareness, outreach to the community and develop generic students competency according to MOHE.

SEE Nature falls under the Communication, Education and Public Awareness (CEPA) activities of a larger Campaign which is the East Asian-Australasian Flyway Partnerships (EAAFP) under which Malaysia became the 28th partner to protect this important roosting and feeding wetlands for migratory birds. One of the two most important wetlands are the mudflats and mangroves along the North Central Selangor Coast which is an Important Bird Area (IBA). KSNP is situated centrally along the Flyway. To further enhance protection of KSNP, a suggestion will be to designate it as a Ramsar site which will then be a world class managed wetlands for ecotourism.

Examples of protected wetlands like the 'KSNP Ramsar Site' can then be replicated at Kuala Selangor District level until national level to sustainably manage the wetlands at the same time taking care of the water resources for the future generations.

This year is also the United Nations **International Year of Water Cooperation** which also focused on the importance of freshwater and advocating for the sustainable management of freshwater resources.

So please do not waste water or destroy the wetlands and have a nice day.

For more information (untuk maklumat yang lanjutnya):

www.ramsar.org/cda/en/ramsar-activities-wwds/main/ramsar/1-63-78_4000_0_

www.esaflyway.net/

www.facebook.com/seenature.ukm

www.facebook.com/pages/Kuala-Selangor-Nature-Park/122752379564

www.mns.my

Contact: mns@mns.org.my or +6-03-22879422

Sambutan Hari Tanah Lembap Sedunia di Taman Alam Kuala Selangor

Hari Tanah Lembap Sedunia disambut di seluruh dunia pada 2hb Februari setiap tahun oleh agensi kerajaan, badan bukan kerajaan dan kumpulan komuniti setempat. Tarikh ini diambil sempena Konvensyen Tanah Lembap di Ramsar, Iran pada tahun 1971.

Tema tahun ini ialah "Tanah Lembap dan Pengurusan Air" dengan slogan "Tanah Lembap Memulihara Air" untuk meningkatkan kesedaran awam tentang keberuntungan air dengan tanah lembap.

Bersempena dengan Hari Tanah Lembap Sedunia (WWD), sambutan di Taman Alam Kuala Selangor (KSNP) ini adalah untuk memupuk kesedaran di kalangan komuniti di Kuala Selangor juga kepada masyarakat awam tentang tanah lembap yang berharga terutamanya Taman Alam Kuala Selangor dan kebertanggungjawaban dalam penggunaan air dan mengurangkan tapak-air. Tanah lembap adalah kritikal untuk kesejahteraan manusia dan kelangsungan hidup.

Tahun ini hari terbuka KSNP memberi tumpuan utama kepada penglibatan belia dalam pemuliharaan tanah lembap dan sumber air. Mahasiswa UKM akan menjalankan kempen kesedaran alam kepada pelajar sekolah di bawah program *SEE Nature* (<http://www.facebook.com/seenature.ukm>). Antara aktiviti untuk umum yang dijalankan ialah lawatan, ceramah, tayangan video dan pameran. Acara CSR (tanggungjawab korporat terhadap sosial) akan melibatkan penanaman benih bakau di KSNP dan penyuluran sungai di sepanjang pesisiran pantai Selangor.

Program *SEE Nature* di KSNP adalah satu program sukarelawan belia yang dikendalikan oleh UKM dan MNS sebagai rakan kerjasama dan disokong oleh Kementerian Pengajian Tinggi (KPT). Program tidak rasmi telah dianjurkan pada tahun 2012 dengan seramai 24 mahasiswa UKM telah menerima latihan dan pengalaman daripada MNS. Melalui keberjayaan program ini, *SEE Nature* dilancarkan pada tahun ini. Singkatan nama *SEE* merujuk kepada memerhati, mendidik dan menikmati alam yang bertujuan untuk mengukur tahap kesedaran alam, penyampaian kepada komuniti dan membentuk kompetensi generik pelajar mengikut panduan KPT.

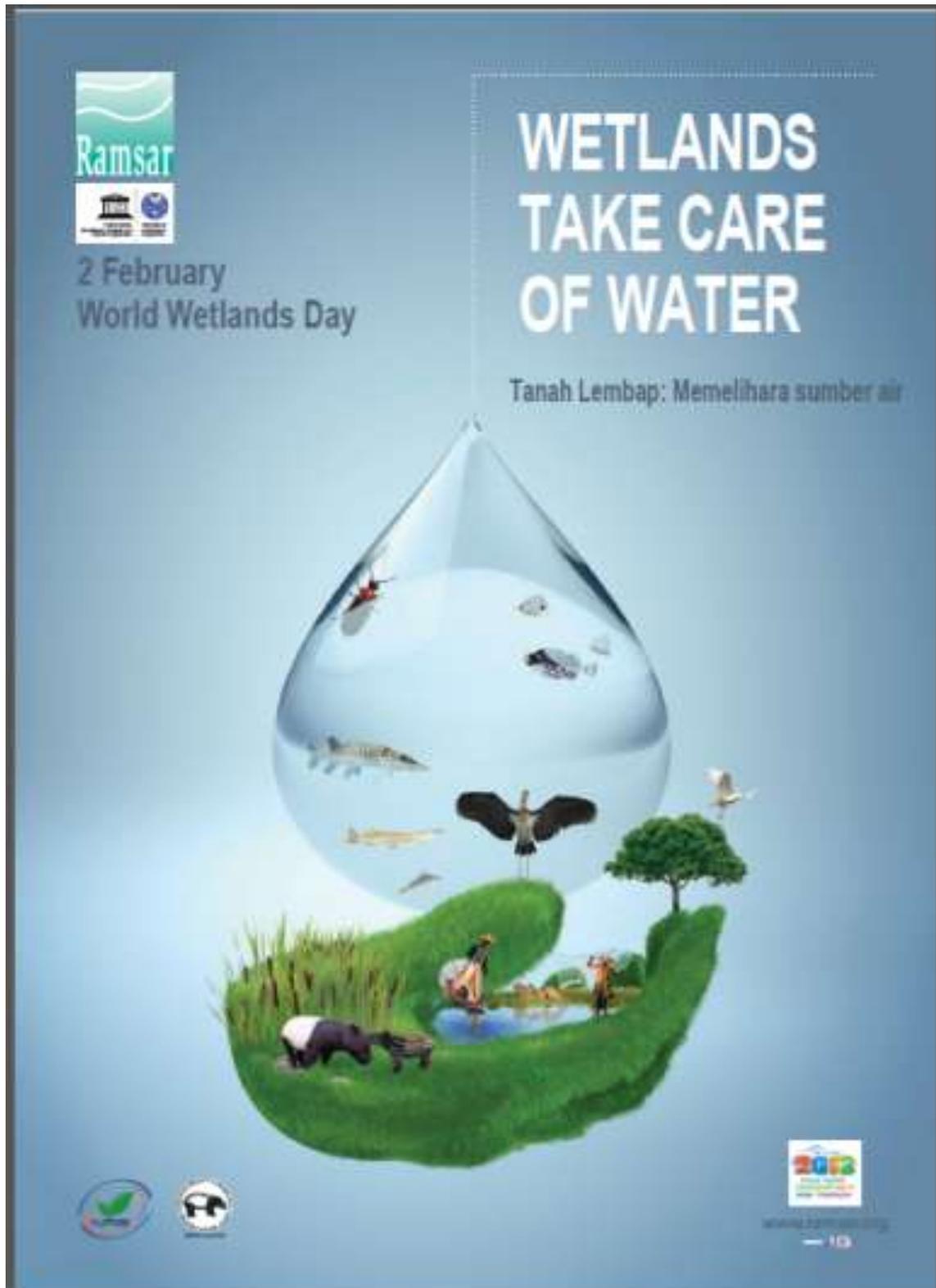
SEE Nature terletak di bawah kempen terbesar aktiviti Komunikasi, Pendidikan dan Kesedaran Awam (CEPA) iaitu *Jaringan Laluan Terbang Asia Timur-Australasia (EAAFP)* di mana Malaysia menjadi rakan kerjasama ke 28 untuk melindungi tempat persinggahan dan pencarian sumber makanan di tanah lembap oleh burung migrasi. Salah satu kepentingan tanah lembap ini ialah dataran lumpur dan hutan paya bakau di sepanjang Pesisiran Selangor Utara-Tengah di mana ia merupakan Kawasan Penting Burung (IBA). KSNP terletak di tengah-tengah Laluan Terbang ini. Untuk penerusan perlindungan kawasan KSNP, satu cadangan untuk kawasan ini dijadikan sebagai Tapak Ramsar yang akan menjadikannya sebagai tanah lembap terurus bertaraf dunia untuk eko-pelancongan.

Kawasan perlindungan tanah lembap seumpama 'Tapak Ramsar' KSNP boleh direplikasikan di peringkat daerah Kuala Selangor sehingga ke peringkat nasional untuk pengurusan lestari kawasan tanah lembap dan dalam masa yang sama menjaga sumber air untuk generasi akan datang.

Tahun ini, juga *International Year of Water Cooperation* Bangsa-Bangsa Bersatu yang menekankan tentang kepentingan air tawar dan advokasi bagi pengurusan lestari sumber air tawar.

Jadi, janganlah membazirkan air atau memusnahkan tanah lembap. Sekian, terima kasih.

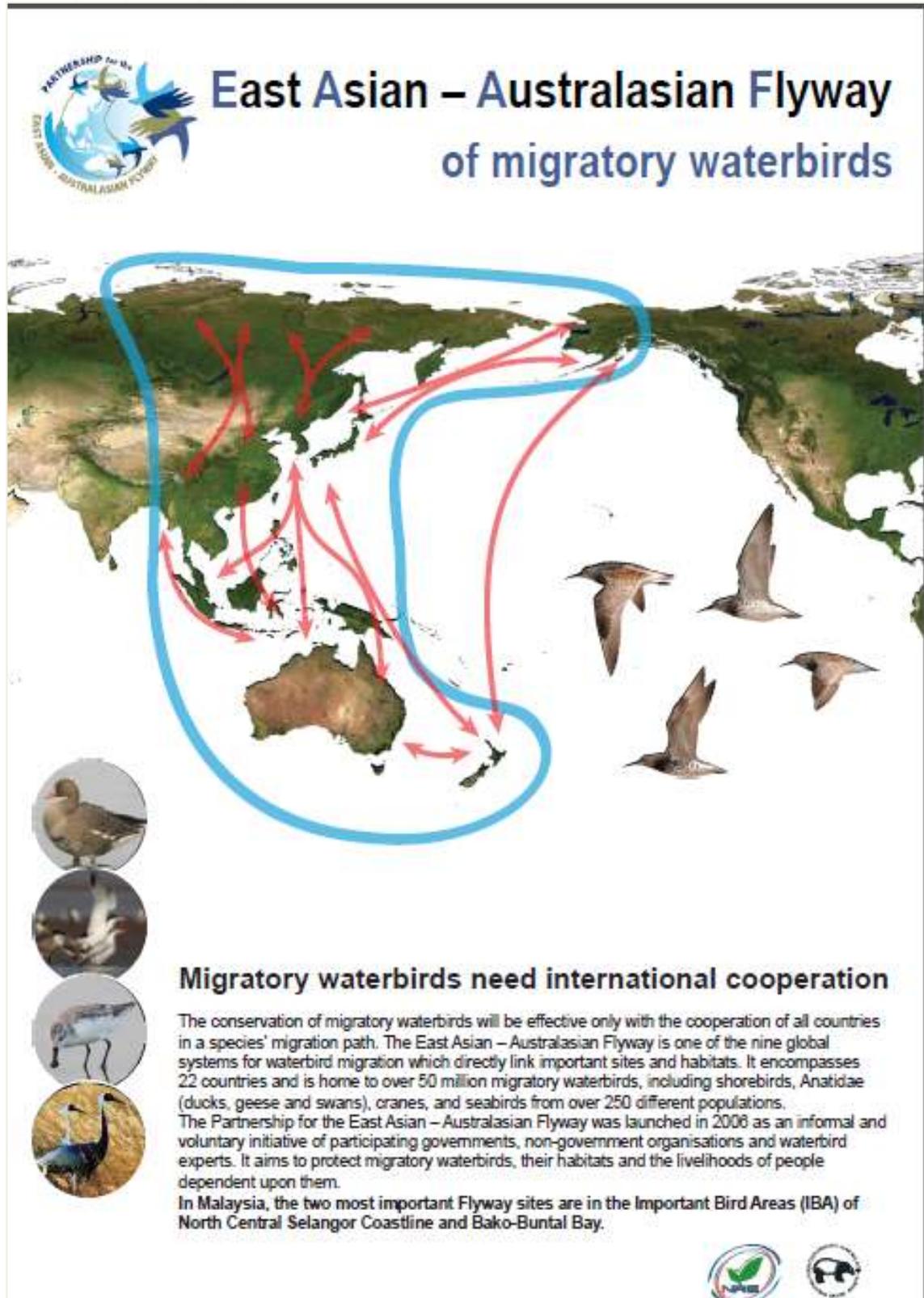
Appendix 3: Promotional Materials



Official World Wetlands Day Poster & Sticker (adapted for local flavor)



World Wetlands Day official T-shirt (front-top), (back- bottom)



The poster features a central map of the East Asian - Australasian Flyway, outlined in blue. Red arrows indicate the migration paths of waterbirds across the region, from East Asia and the Pacific northwards to the Arctic and southwards to Australia and New Zealand. To the right of the map, several waterbirds are shown in flight. In the top left corner, there is a circular logo for the Partnership for the East Asian - Australasian Flyway. Below the map, on the left side, there are four circular inset images showing different species of waterbirds: a grebe, a duck, a shorebird, and a crane. The text on the poster is as follows:

East Asian - Australasian Flyway of migratory waterbirds

Migratory waterbirds need international cooperation

The conservation of migratory waterbirds will be effective only with the cooperation of all countries in a species' migration path. The East Asian - Australasian Flyway is one of the nine global systems for waterbird migration which directly link important sites and habitats. It encompasses 22 countries and is home to over 50 million migratory waterbirds, including shorebirds, Anatidae (ducks, geese and swans), cranes, and seabirds from over 250 different populations. The Partnership for the East Asian - Australasian Flyway was launched in 2006 as an informal and voluntary initiative of participating governments, non-government organisations and waterbird experts. It aims to protect migratory waterbirds, their habitats and the livelihoods of people dependent upon them.

In Malaysia, the two most important Flyway sites are in the Important Bird Areas (IBA) of North Central Selangor Coastline and Bako-Buntal Bay.

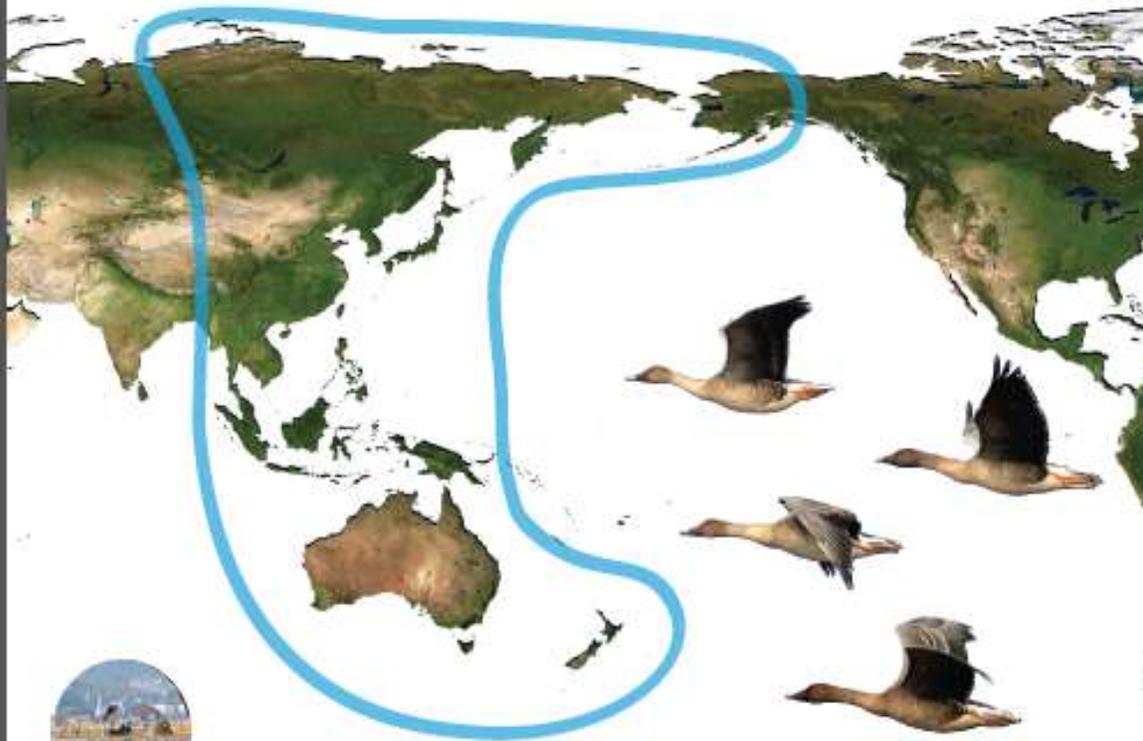


Official East Asian-Australasian Flyway Posters (adapted)



East Asian – Australasian Flyway

Threats to migratory waterbirds



No place to land: Loss of natural habitats threatens migratory waterbirds

As the number of humans in the East Asian – Australasian Flyway approaches half of the global total, migratory waterbirds that use the same landscapes face escalating, overwhelming threats. Routine destruction of inter-tidal habitats at massive scale and disturbance at key sites are lowering populations of coastal waterbirds, pushing some to threatened status and others to near extinction. Less well known but equally concerning are the changes to freshwater habitats from intensification of agriculture, dams and diversion of water from wetlands to expanding irrigation and urban areas.

The East Asian – Australasian Flyway is one of the nine global waterbird migration systems that directly link sites and ecosystems encompassing 22 countries. It is home to over 50 million migratory waterbirds - including shorebirds, Anatidae (ducks, geese and swans), cranes, and seabirds from over 250 different populations. The Partnership for East Asian – Australasian Flyway was launched in 2006 as an informal and voluntary initiative, aimed at protecting migratory waterbirds, their habitat and the livelihoods of people dependent upon them.

Malaysia becomes 28th partner of EAAFP on the 9th November 2012. EAAF Partners now comprised of 15 countries, 3 Intergovernmental agencies, 9 International NGOs and 1 International corporation.



Official East Asian-Australasian Flyway Posters (adapted)



Official East Asian-Australasian Flyway Campaign badge (adapted)



Launch Gimmick banner during WWD 2013

Celebrating together :



WORLD WETLANDS DAY 2013

“ Wetlands Take Care of Water ”

HARI TANAH LEMBAP SEDUNIA 2013

“ Tanah Lembap : Memelihara sumber air ”

Date : **2nd February 2013**
Venue : **Kuala Selangor Nature Park**

World Wetlands Day Backdrop

WORLD WETLANDS DAY 2013

“ Wetlands Take Care of Water ”

HARI TANAH LEMBAP SEDUNIA 2013

“ Tanah Lembap : Memelihara sumber air ”

Date : 2nd February 2013

Venue : Kuala Selangor Nature Park



Celebrating together :



RICOH
imagine. change.

HSBC 



World Wetlands Day Banner



Certificate of Participation

Awarded to

for participating in
World Wetland Day 2013

which was organised on
2nd February 2013

at
Kuala Selangor Nature Park (KSNP)

Prof. Dr. Maketab Mohamed
President
Malaysian Nature Society (MNS)



WWD 2013 Certificate of Participation

Appendix 4: VIPs Talking Points

MNS President

- Wetlands in KSNP conserved since 1987, at public open space status
- Stronger status will be at International status – appropriately a Ramsar Site
- Attract international tourist good for state income
- But it must have proper management plan... in line with the Ramsar Rules
- following this years' slogan= properly managed wetlands will take care of water
- good example of KSNP Ramsar Site replicated Kuala Selangor District , State level and National level
- proposal for the Ramsar is part of MNS long term campaign to fulfill the obligation of Malaysia being 28th partner last Nov 2012 to sustainably manage the East Asian-Australasian Flyway.
- Migratory birds use the Flyway to roost and feed.
- Flyway is the IBA site which is the North Central Selangor Coast with KSNP in the center
- Flyways are part of the ecosystem which services major ecosystems for the planet, without which, failure to sustainably manage wetlands, will be disastrous.
- Working hand in hand with UKM to encourage more youths to take part in the conservation of the Flyway

YDP MDKS

- The Ramsar Convention of Wetlands is one of the many international obligations that Malaysia has ratified. The latest is the EAAF Partnership as Malaysia are in one of the many bird migration international flyway. Malaysia is committed to fulfill obligations..
- MDKS will always listen to wise sustainable managed advices from the community and has taken a wise decision to keep KSNP protected.
- More partnerships or initiatives by the State or District level and work from the NGOs like MNS and communities should be encouraged in wetlands and flyway protection and international level wetlands protection..
- As mentioned in this year's theme, wetlands do protect the water resources
- Water also being the UN theme this year ' International Year of water cooperation' ... sounds the alarm of sustainable and equitable use of water
- So play a role to save water and wetlands
- A good suggestion from MNS, for a internationally recognized Ramsar site to better manage a wetlands ecosystem
- Kuala Selangor is blessed with the many ecotourism activities and products, such as the KSNP, seafood and the fireflies, all of which are products of wetlands.
- The wetlands of the firefly colonies at Kg Kuantan is now protected, as part of the activities to protect the wetlands and water resources.

- Good to have youth volunteers to help in wetlands conservation work as done by UKM and MNS in the SEENature programme
- Youths should play the fore front role to bring the awareness news to the public and hands on conservation work
- Local communities should be the next step that MNS or UKM can help developed

Deputy Vice Chancellor , UKM,

- The inaugural programme began in 2012 where 30 UKM students received work experiential training by MNS
- Since it was a successful programme, this year will be the launch of the SEENature program
- Three modules were conducted. More will be added as part of the work to document the KSNP biodiversity
- Community outreach by the youths especially on wetlands and water management
- Proud to also being part of the Flyway Campaign as well as KSNP for Ramsar
- The SEENature program in KSNP will hopefully be replicated at other states... recognized internationally
- More places like KSNP should be protected...

Appendix 5: Nature Talks



SUMBER AIR DUNIA

BUMI (planet air) TERDIRI DARI :

70 % LAUTAN

30 % DARATAN

98 % AIR LAUT (MASIN)

2 % AIR TAWAR

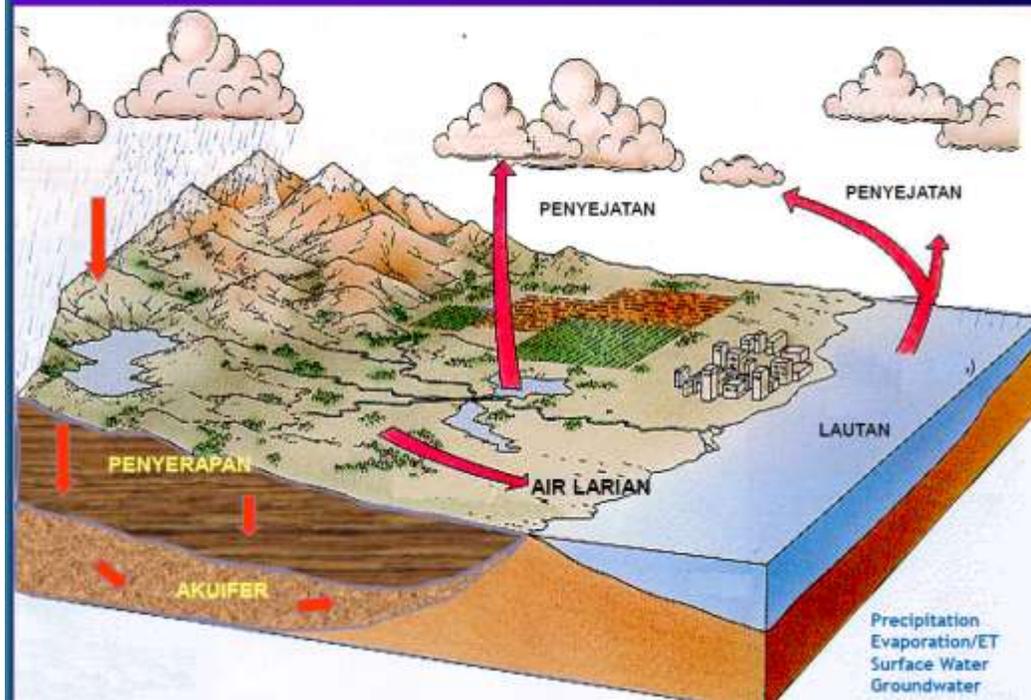
**KURANG 1 % ATAU 0.007 % AIR YANG BOLEH
DIMINUM UNTUK KEPERLUAN MANUSIA DI BUMI.**

SUMBER AIR DI NEGERI SELANGOR

- Sungai
- Air bumi
- Kolam, bekas lombong (sumber air alternatif)



KITARAN AIR



7 EMPANGAN DI SELANGOR



KITARAN AIR



ISU-ISU SEMASA PENCEMARAN SUMBER AIR

- * **Sampah Sarap Menjadi Masalah GLOBAL**
- * **Purata 0.88kg / warganegara sampah dijana sehari**
 - **0.88 kg x 5 juta rakyat Selangor = ???**
- * **Sisa minyak, sisa organik dan toksid**

Tapak Pelupusan Semakin Terhad



CARA tradisi yang digunakan untuk melupuskan sampah di tapak pelupusan sampah terbuka.

Kawasan Hutan Semakin Terhimpit





Sampah Diperangkap di Log-Boom Sungai



Program Kesedaran Awam

- **Program Qua-qua**
- **Program Kitar Semula Sisa Minyak Masak**
- **Program Pembersihan Sungai dan Pantai**
- **Program Penanaman Pokok Bakau**



KESIMPULAN

- ♦ Manusia menjadi faktor utama dalam penjagaan alam semulajadi kerana kebanyakan kemusnahan dan pencemaran alam sekitar adalah berpunca dari manusia sendiri.
- ♦ Kita perlu memelihara alam semulajadi kita sekarang demi masa depan generasi akan datang

TERIMA KASIH



What are wetlands?

Definition provided by Articles 1.1 and 2.1 of Ramsar Convention on Wetlands 1971

Article 1.1:

"For the purpose of this Convention wetlands are areas of marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed six metres."

Article 2.1 provides that wetlands:

"may incorporate riparian and coastal zones adjacent to the wetlands, and islands or bodies of marine water deeper than six metres at low tide lying within the wetlands".

What are wetlands?

Categorization of wetlands:

Marine/ Coastal	Inland	Human-made
Permanent shallow marine scapes	Permanent inland delta	Aquaculture ponds
Marine sub-tidal aquatic beds	Rivers/ streams/ creeks	Ponds
Coral reefs	Lakes	Irrigated land
Rocky marine shores	Flats	Seasonally flooded agriculture land
Sand, shingle or pebble shores	Marshes	Salt exploitation areas
Estuarine systems	Pools	Water storage areas
Inertial mud, sand or salt flats	Peatlands	Excavations
Inertial marshes	Alpine wetlands	Wastewater treatment areas
Inertial forested wetlands	Tundra wetlands	Creeks and drainage areas
Coastal lagoons	Springs & oases	Ditches
Karst/ Subterranean systems	Karst/ Subterranean systems	Karst/ Subterranean systems



What are marine mammals?

Cetaceans **Sirenians** **Pinnipeds**

Sea Otters

Polar Bears

Mammals that live in the sea!

- Endothermic
- Breathe air through lungs
- Give birth to live young
- Have hair!
- Nurse their young with milk (maternal care).



Global Diversity...

- 88 species of cetaceans - 35% are threatened
- 34 species of pinnipeds - 33% are threatened
- 5 species of sirenians - 100% are threatened
- 3 species of sea otters - 100% are threatened
- 1 species of polar bear - 100% are threatened

Global Diversity...



Cetaceans - 1 species extinct

Pinnipeds - 2 species extinct

Sirenians - 1 species extinct

Sea otters - 1 species extinct

Malaysia's Diversity...

~27 species of cetaceans
0 species of pinnipeds
1 species of sirenian
0 species of sea otters
0 species of polar bears

Common coastal species...

Irrawaddy dolphin (*Orcaella brevirostris*)



IUCN Redlist status:
Vulnerable to extinction



Known records from:

- Bernam River, Selangor (1982)
- Penang & Kedah
- Mersing, Johor
- Pulau Upeh, Melaka

Common coastal species...

Indo-Pacific humpback dolphin (*Sousa chinensis*)



IUCN Redlist status:
Near threatened



Known records from:

- Langkawi & Penang
- Melang & Kuala Sepetang
- Kuala Sepetang
- Pulau Kapas
- Pulau Besar, Melaka

Common coastal species...

Indo-Pacific finless porpoise (*Neophocaena phocaenoides*)



IUCN Redlist status:
Vulnerable to extinction

Known records from:

- Pulau Kukup, Johor
- Langkawi
- Tg. Lemah
- Perak (Pulau Pangkor, Pantai Remis, Kg. Acheh)
- Pahang (Kuantan, Sg. Miang)
- Kuala Terengganu
- Moloka

Common coastal species...

Indo-Pacific bottlenose dolphin (*Tursiops aduncus*)



IUCN Redlist status:
Data deficient

Common coastal species...

Dugong (*Dugong dugon*)



IUCN Redlist status:
Vulnerable to extinction

Malaysia's Diversity...

- Threats faced include:
 - Entanglement
 - Habitat loss/ degradation
 - Competition
 - Vessel collision
 - Pollution



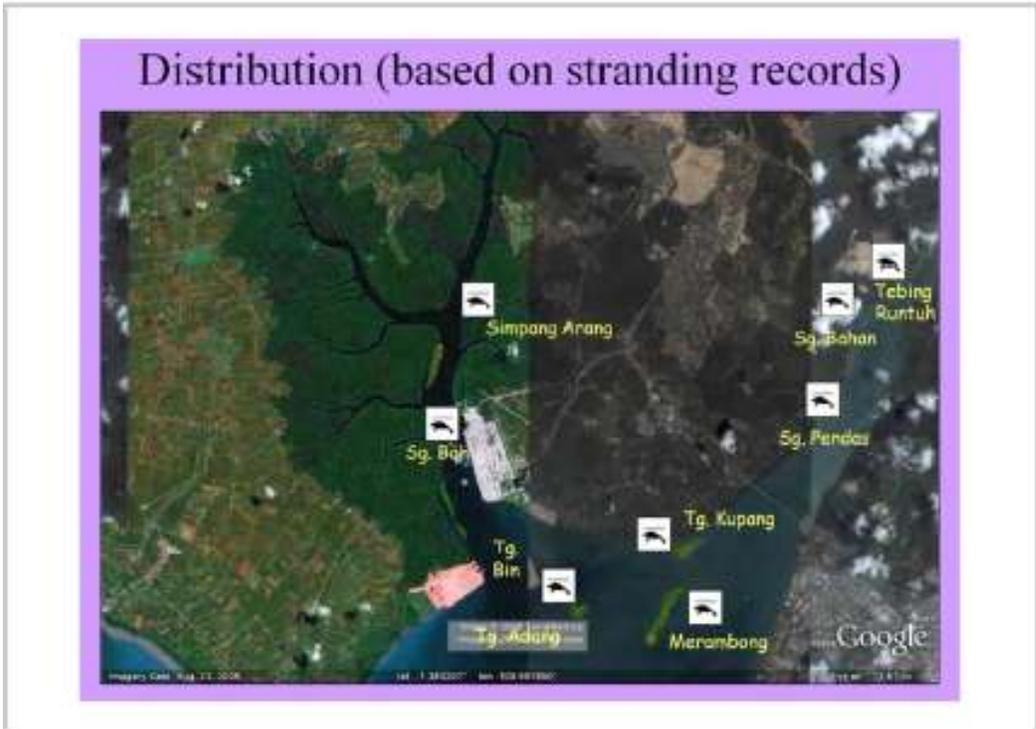
Photo: Louisa Ponnampalam

Dugong with most of its face severed, Sungai Pok estuary, Johor – Feb 2009



Photo: MNS

Bottlenose dolphin caught in fisherman's net off Bagan Lalang, Selangor – Nov 2007



Human development



Appendix 6: Evaluation Form



HARI TANAH LEMBAP SEDUNIA 2013 (WORLD WETLANDS DAY 2013)



Borang Maklumbalas / *Feedback Form*

Sebelum anda pulang, sila isi dan pulangkan ke kaunter pendaftaran MNS untuk hadiah cenderamata.

(Before you leave please fill and return back to the MNS registration counter for a souvenir)

Nama/ Name	Nombor K.P./ I/C no	Organisasi/ Organisation

Sila tandakan dengan 'x'/ Please mark with an 'x'

Majlis Hari Tanah Lembap Sedunia / World Wetlands Day event	Ya/ Yes	Tidak/ No
Aktiviti-aktiviti majlis pelancaran diselenggara dengan baik/ <i>The WWD are well run</i>		
Lawatan berpandu & ceramah adalah memuaskan / <i>Satisfied with the guided walk & talk</i>		
Penerangan dari bahan pameran senang difahami/ <i>The exhibit materials are easy to understand</i>		
Faham akan kepentingan Tanah Lembap/ <i>Aware of the importance of Wetlands</i>		
Hidangan makanan adalah memuaskan/ <i>Satisfied with the meals</i>		
Komen/Comments:		
Taman Alam Kuala Selangor/ Kuala Selangor Nature Park	Ya/ Yes	Tidak/ No
Suasana di Taman Alam menyenangkan/ <i>The Nature Park surroundings are very conducive and peaceful</i>		
Kemudahan-kemudahan adalah mencukupi / <i>The facilities are enough</i>		
Denai-denai adalah mudah, selamat & berpapantanda/ <i>The nature trails are easy, safe & well signposted</i>		
Taman Alam patut diipeliharakan/ <i>The Nature Park should be conserved</i>		
Saya akan kembali ke Taman Alam/ <i>I will visit the Nature Park again</i>		
Komen/ Comments:		
Others	Ya/ yes	Tidak/ No
Saya tahu apakah itu tanah lembap/ <i>I know what is wetlands</i>		
Saya tahu apakah itu Tapak Ramasar/ <i>I know what is a Ramsar Site</i>		
Kempen East-Asian-Australasian Flyway memelihara tanah lembap persisiran pantai di Selangor/ <i>The EAAF Flyway Campaign conserves the coastal wetlands of Selangor</i>		
Saya menyokong Program SEE Nature/ <i>I support the SEE Nature Programme</i>		
Komuniti setempat patut digalakkan menjadi sukarelawan di Taman Alam/ <i>More local community should be encouraged to join as Nature Park volunteer</i>		
Komen yang Lain/ Other Comments:		

email: conservation2@mns.org.my; fax: 03-22878773; www.mns.my

Appendix 7: Press Briefs



WWD 2013 Article in the MNS Malaysian Naturalist Volume 66-3, March 2013

www.mns.my/press/press-releases/2134 Malaysian Nature Society

Malaysian Nature Society (MNS)
Persatuan Pencinta Alam Malaysia

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Malaysian Nature Society celebrates World Wetlands Day 2013 A A A

2 Feb 2013

Date release: 2nd February 2013
Press Statement for immediate release

KUALA SELANGOR NATURE PARK CELEBRATES WORLD WETLANDS DAY 2013 - SUGGESTION TO BE PROPOSED AS MALAYSIA'S NEXT RAMSAR SITE

Kuala Selangor, February 2 - The World Wetlands Day (WWD) is celebrated worldwide on the 2nd February each year. The date has been adopted during the Convention on Wetlands in 1971 at Ramsar, Iran, Turkey, Kuala Selangor Nature Park (KSNP) celebrates WWD at the KSNP Amphitheatre with the collaboration of government agencies, NGOs, University and community groups.

2013 slogan, "Infinite Take Care of Water", was geared to raise the public awareness of the interdependence between water and wetlands as well as to promote the responsible use of water and ways to reduce our water footprint.

In consonance with WWD2013, the organizer, Malaysian Nature Society supported by Ministry of Natural Resources and Environment, Ministry of Higher Education, Media Centre, Kuala Selangor, Universiti Kuala Lumpur, Universiti Kebangsaan Malaysia and corporate supporters such as Bosch, VISA and MDEC, aim to generate awareness for the local community and members of the public on our precious wetlands especially Kuala Selangor Nature Park which is critical to human health and the overall well-being of our nation.

The year's event is focused on youth participation in wetlands and water conservation, led by our partner (University Kebangsaan Malaysia (UKM)) for the school children under the 888 Nature program, a youth volunteer program jointly conducted by UKM and MNS (please refer to <http://www.facebook.com/ukmnature>). Amongst the activities organized included guided nature walks, talks, video screenings, tree planting, bird-watching, a mangrove clean-up activity, and seminars.

MNS President, Prof Dr. Mahesh Mahalingam commented to the 888 closing event, "888 our youths here today, demonstrating their love and commitment towards nature conservation. It is my hope that more can be achieved to reconnect the youths of today to Mother Nature, here especially in Kuala Selangor Nature Park".

The 888 Nature programme is 888P an innovative youth volunteer programme jointly organized by UKM and MNS, and supported by Ministry of Higher Education (MHE). The inaugural program began in 2011 where 28 UKM's students received community-based experiential training by MNS. Over the course of the past 2 years, the 888P Nature Programme is launched this year. The abbreviation "888P" refers to Book, Educate and Enjoy Nature, and the overarching aim is to provide enrichment of nature, provide outreach to the community and develop critical workplace competencies among university students.

Prof Datu' Dr Sarin Kuar SE, Deputy Vice-Chancellor of Industry and Community Partnerships at UKM, added "The strategic collaboration between UKM and MNS is one example of a positive knowledge-driven project that successfully integrates elements of research, education and service, and encompasses the important theme of environmental conservation, education and youth volunteerism".

It is also MNS intention to launch a campaign called the East Asia-Australian Flyway Campaign (EAFC) to protect the North-Central Selangor coastal (NCS) wetlands for the migratory water birds, as well as the livelihood of the local community. Being part of the East Asia-Australian Flyway Partnership, to which Malaysia was the 20th partner, Malaysia should conserve existing wetlands and restore both their wetlands along the Flyway. MNS-UKM jointly located along the NCS, the purpose is to add to a Ramsar site will facilitate the conservation work of the Flyway".

Ramsar being and subsequent restoration activities will further enhance the image of the country and provide long term sustainability for local stakeholders as well as to turn Kuala Selangor Nature Park into a world-class destination.

"Examples of protected wetlands like the 888P Ramsar Site can then be replicated elsewhere in the country to sustainably manage the wetlands in the same time taking care of the water resources for the future generations".

End.

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Image gallery

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888P water conservation: www.888p.org | www.888p.com

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Press Statement from MNS-UKM on World Wetlands Day 2013 (screen shot from MNS website www.mns.my)

Appendix 8: Budget

Expenditure: World Wetland Day 2013

No.	Items	Budgeted Amount (RM)	Actual Spending (RM)
1.	Establishment and launching cost (rental of canopy, exhibition board, audio/video equipments, banners, backdrops, souvenirs)	2,500	Sponsorship from KSAAS & Selangor State Government (SG)
2.	Refreshments (2x) and lunch/dinner @ 200 people	4,000	Sponsorship from KSAAS & Selangor SG
3.	T-Shirt @ 200 people	3,000	Sponsorship from KSAAS & Selangor SG
4.	Honorariums for school participation @	1,000	Sponsored by SEE Nature Programme
5.	Honorariums for community participation @ 4 groups	1,000	Sponsorship from KSAAS & Selangor SG
6.	Mangrove walk/ Bird watching @ 200 pax	1,000	Sponsored by MNS
7.	Tree Planting/ Water monitoring @ 200 pax	3,000	600 mangrove saplings sponsored by LUAS Mangrove nursery & Pre-planting work sponsored by HSBC
8.	Boat tour to watch migratory birds @ 100 pax	3,000	Sponsored by RICOH
9.	Firefly watch at Kg Kuantan @ 100 pax	2,000	Cancelled
10	Ramsar awareness materials (posters/ brochures/ stickers)	3,000	Sponsorship from KSAAS & Selangor SG
11	MNS staff time, plus management fee	1,500	Sponsored by MNS
	TOTAL	25,000	

*** These costing exclude co-sponsored support services provided pro bono by Kuala Selangor Nature Park i.e. accommodation and KSNP staff resources.

Appendix 9: East Asian –Australasian Flyway (EAAF) Campaign

KEMPEN KESEDARAN LALUAN TERBANG ASIA TIMUR-AUSTRALASIAN (EAST ASIAN-AUSTRALASIAN FLYWAY - EAAF)

LATAR BELAKANG

1. Setiap tahun lebih 50 juta burung air berhijrah merentasi Asia Timur, Asia Tenggara dan kawasan Australasia. Semasa penghijrahan, burung-burung air ini bergantung kepada satu rangkaian tanah lembap yang produktif untuk berehat dan makan bagi membekalkan tenaga yang mencukupi untuk fasa perjalanan yang seterusnya. Sehubungan itu, kerjasama antarabangsa merentasi jarak penghijrahan burung-burung ini amat penting dalam memulihara dan melindungi habitat yang mereka perlukan. Malaysia termasuk dalam laluan penerbangan burung-burung air tersebut.
2. Laluan fizikal yang dilalui oleh burung-burung air setiap tahun dikenali sebagai laluan terbang (*flyway*). Terdapat sembilan laluan terbang utama yang dikenal pasti di seluruh dunia. Laluan terbang Asia Timur-Australasia (EAAF) merupakan salah satu daripada sembilan laluan terbang tersebut. EAAF bermula dari Timur Jauh Rusia dan Alaska menuju ke arah selatan melalui laluan terbang Asia Timur dan Asia Tenggara, Australia dan seterusnya ke New Zealand. EAAF memberi perlindungan kepada lebih 50 juta burung air yang terdiri daripada sekurang-kurangnya 250 spesies termasuk 28 spesies yang dikenal pasti terancam di dunia.

Konservasi Burung Air dan Habitatnya

3. Kawasan tanah lembap selain merupakan tempat persinggahan burung air, ia juga merupakan kawasan tumpuan membekalkan makanan sebelum meneruskan perjalanan. Kehilangan mahupun kemerosotan habitat ini akan memberikan kesan negatif kepada keupayaan burung air untuk terus hidup. Kehilangan habitat disebabkan oleh perubahan iklim, aktiviti manusia seperti pertanian dan pencemaran merupakan ancaman utama kepada burung-burung air. Hal ini berlaku kerana burung-burung air sangat bergantung kepada habitat ini untuk tujuan pembiakan dan sebagai kawasan perlindungan semasa musim sejuk.
4. Dalam hal ini, kerjasama antarabangsa diperlukan bagi memulihara burung air supaya spesies ini tidak pupus dan mengalami ancaman. Penyertaan Malaysia dalam Jaringan EAAF (*East Asian-Australasian Flyway Partnership – EAAFP*) secara langsung juga dapat meningkatkan lagi kepentingan serta peranan tanah lembap yang merupakan habitat burung air dan seterusnya meningkatkan profil tanah lembap di peringkat antarabangsa. Malaysia baru-baru ini telah diterima sebagai *Partner* ke-28 dalam Jaringan tersebut pada bulan November 2012.
5. Di Malaysia antara laluan terbang burung air yang berpotensi untuk dipromosikan untuk konservasi dan ekopelancongan serta dijadikan tapak EAAF termasuklah kawasan North-Central Selangor Coast kawasan penting burung (IBA) di Selangor, Bako Buntal Bay di Sarawak dan pesisiran pantai Matang di Perak yang merupakan destinasi laluan migrasi burung-burung air. Kerajaan Negeri Sarawak telah bersetuju secara am, supaya Bako Buntal Bay dicalonkan sebagai tapak laluan terbang EAAF (*Flyway Site*) yang pertama di Malaysia.

Burung Sebagai Indikator mengenai Keadaan Alam Sekitar

6. Burung-burung air saling berhubungkait dengan alam sekitar dan ekosistem. Hubungan ini membolehkan burung air berfungsi sebagai indikator atau penunjuk bagi status dan keadaan semasa persekitaran serta ekosistem kita (*Ecosystem Health Indicator*).

Ini kerana burung-burung air sering menggunakan laluan hijrah dan kawasan rehat yang sama. Sekiranya terdapat perubahan mendadak yang negatif kepada sesuatu kawasan atau habitat persinggahan ini, di mana habitat tersebut tidak lagi mampu membekalkan makanan dan tempat perlindungan yang mencukupi, maka burung-burung air ini tidak lagi akan berhenti di tempat tersebut atau mungkin juga mengancam kemandirian burung-burung ini. Kemusnahan habitat-habitat ini juga boleh memangkinkan kepupusan sesetengah spesies burung air yang mudah terancam (*vulnerable*).

7. *Global Biodiversity Outlook 2010* dalam laporannya, menyentuh bahawa pengurangan jumlah populasi burung ini turut diakibatkan oleh berlakunya gangguan ke atas habitat burung air. Aktiviti penghijrahan burung-burung air ini didapati memainkan peranan penting terhadap ekosistem dan biologi.

8. Pengurangan jumlah burung air ini juga merupakan isyarat berlakunya kehilangan biodiversiti. Selain itu, perubahan iklim, peningkatan suhu global dan gangguan terhadap alam sekitar terutama sekali yang melibatkan kawasan tanah lembap oleh manusia seperti aktiviti pembalakan haram dan penukaran guna tanah akan memberikan kesan negatif kepada burung air yang sememangnya sensitif terhadap perubahan alam sekitar dan ekosistem.

Peranan Burung Air kepada Ekosistem

9. Burung air memainkan peranan yang penting terhadap kestabilan ekosistem. Spesies burung air ini kebiasaannya sejenis karnivor di mana spesies ini sentiasa kelihatan memburu ikan, haiwan kecil atau serangga yang tinggal di kawasan pinggir air. Burung-burung air yang memakan serangga ini memberikan perkhidmatan kepada petani-petani untuk memastikan hasil tanaman bebas daripada serangga perosak seperti belalang. Apabila spesies burung air tersebut terancam tumbuh-tumbuhan akan turut terancam. Kesan akhirnya, haiwan yang bergantung kepada tumbuhan-tumbuhan ini juga akan turut diancam.

Daya Tarikan Bagi Menggalakkan Aktiviti Ekopelancongan

10. Pelan Transformasi Pelancongan (PTP) Negara dalam usaha merancang industri pelancongan negara dan menarik lebih ramai pelancong asing ke negara ini, telah mensasarkan kedatangan sejumlah 36 juta pelancong ke negara ini menjelang tahun 2020. Sasaran ini turut meliputi sektor ekopelancongan yang mempromosikan kekayaan biodiversiti negara termasuklah keunikan burung-burung air. Aktiviti memerhati burung (*bird watching*) oleh sekumpulan besar pemerhati burung di peringkat antarabangsa pula merupakan salah satu segmen di bawah sektor ekopelancongan yang semakin berkembang dan mempunyai potensi besar di negara ini. Ini secara langsung juga membawa pulangan ekonomi kepada negara amnya dan khususnya menyediakan sumber pendapatan alternatif kepada masyarakat setempat.

Dengan menyertai jaringan EAAFP ini maklumat berkaitan Malaysia akan dipaparkan dalam laman web EAAFP dan Malaysia boleh mendapat manfaat melalui perkembangan ekopelancongan terutamanya dari golongan *bird watchers*, di mana maklumat-maklumat mengenai burung air yang ini sering kali diguna oleh kumpulan-kumpulan pelancong untuk melawat kawasan-kawasan penghijrahan burung air.

Platform Perkongsian Kepakaran, Pengalaman Dan Maklumat Di Peringkat Domestik Dan Antarabangsa

11. Penyertaan Malaysia sebagai ahli EAAFP yang ke-28 boleh dilihat sebagai membuka peluang jalinan kerjasama di peringkat antarabangsa dalam pemuliharaan burung air. Ia

juga mencerminkan komitmen Malaysia sebagai sebuah negara mega biodiversiti dalam memelihara spesies burung air. EAAFP menggalakkan ahli-ahlinya berkongsi maklumat, kepakaran dan data saintifik daripada program penyelidikan serta pemantauan yang dilaksanakan. Perkongsian maklumat, kepakaran dan pengalaman dalam kalangan ahli-ahli ini secara langsung dapat meningkatkan bina upaya agensi dan Jabatan dalam usaha-usaha pemuliharaan burung air dan habitatnya di negara ini.

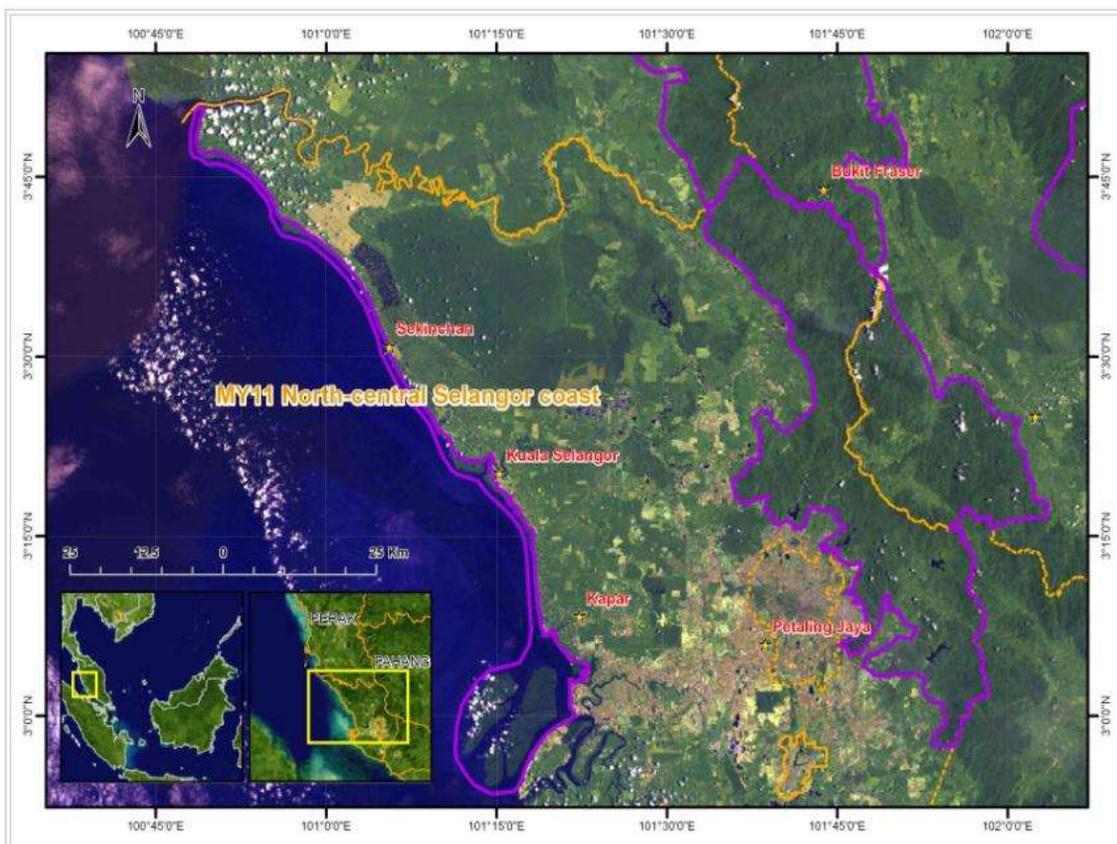
KESIMPULAN

12. Penyertaan Malaysia dalam jaringan EAAFP saling melengkapi usaha-usaha domestik sedia ada dalam aspek pemuliharaan ekosistem tanah lembap terutamanya yang melibatkan kawasan penghijrahan burung air, seperti program penanaman semula bakau dan juga pengisytiharan tapak-tapak Ramsar.

13. Ia juga merupakan satu platform untuk menjalinkan hubungan kerjasama ke arah usaha-usaha konservasi burung air di peringkat domestik dan antarabangsa. Jaringan ini juga dapat meningkatkan profil kawasan tanah lembap yang berkepentingan antarabangsa di samping memastikan pemuliharaan burung air serta habitatnya secara berkekalan selaras dengan Dasar Kepelbagaian Biologi Kebangsaan.

Appendix 10: North Central Selangor Coast Important Bird Area (MY011-IBA)

Location	Malaysia, Selangor
Central coordinates	101° 15.00' East 3° 20.00' North
IBA criteria	A1, A4i
Area	28,000 ha
Altitude	
Year of IBA assessment	2004



Ornithological information The mangrove belt of the north Selangor coast is highly productive and has significant social and economic importance. Thousands of shorebirds utilize the extensive mudflats during low tide for feeding. Some 39,000 birds were counted in a 1985/86 survey along the coast. Asian Dowitchers, Lesser Adjutants and Milky Storks have also been noted frequenting the coastline. Consequently, the habitat is an important staging and feeding site for shorebirds internationally and locally (Scott 1989; Lopez and Mundkur 1997); Mundkur et al 1996; Silvius et al 1986). Monitoring of the coastline by the conservation groups and the Department of Wildlife and National Parks (Peninsular Malaysia) has been periodical in nature (Siti Hawa Yatim and Ismail Hj. Mamat 1994).

The North-Central Selangor Mangrove Forests are important especially to waterbirds and certain globally threatened species particularly the Lesser Adjutants and Milky Storks. Spotted Greenshanks have been recorded and Spoon-billed Sandpipers have irregularly appeared along the coast. As an IBA site, it is classified under the A1 Globally Threatened Species and A4i Congregations categories.

Site description (I) Physical Characteristics: The North-Central Selangor is a coastal stretch of predominantly mangrove forest, which is inundated at high tide. It is dissected by several important rivers namely Sungai Klang, Sungai Selangor and other smaller tributaries. *Avicennia alba*, *Sonneratia alba* and *Rhizophora apiculata* are principal vegetation of the mangroves. The area contains one of the most important mangrove forests in the State of Selangor. The area is represented by three discontinuous stretch of mangrove forests namely; 1. Tanjung Burung Mangrove Forest; 2. Sekinchan, Banjar North and South Mangrove Forests; and 3. Kapar Mangrove Forest.

(II) Climatic Conditions: Average annual rainfall is less than 2,000 mm and a mean annual temperature of 26.6°C. The wettest months are April and October-December, the driest, January-February and July. Experiences both the north-east and south-west monsoons, although the latter is mitigated by the mountains of Sumatra. (Scott, 1989)

Protected areas

Protected area	Designation	Area (ha)	Relationship with IBA	Overlap with IBA (ha)
Kuala Selangor	Nature Park	240	protected area contained by site	296

Management considerations Several critical issues surround the North-Central Selangor mangrove coast. The problems are exacerbated by the lack of enforcement and the demand for land for State development. The key threats to the habitat include reclamation for agriculture and housing, illegal mangrove timber extraction, pollution from developing industries, aquaculture schemes, use of pesticides in plantations, discharge of untreated sewage into Sungai Selangor, the proposed development of Sungai Selangor for water supplies and shorebird poaching (DWNP, 1987).

Protection status Most of the mangrove forests are gazetted as Forest Reserves. The rest remains as State land. Some of the mangrove Forest Reserve may have been encroached upon and converted to other land use type (DWNP, 1987).

Other biodiversity Silvered Leaf Monkey (*Presbytis cristatus*) (I) Globally threatened mammals (IUCN, 2002): **VULNERABLE**: Smooth Otter *Lutrogale perspicillata*; **NEAR THREATENED**: Long-tailed Macaque *Macaca fascicularis*; **DATA DEFICIENT**: Indo-Pacific Humpback Dolphin *Sousa chinensis*

Recommended citation BirdLife International (2013) Important Bird Areas factsheet: North-central Selangor coast. Downloaded from <http://www.birdlife.org> on 14/03/2013

Populations of IBA trigger species

Species	Season	Period	Population estimate	Quality of estimate	IBA Criteria	IUCN Category
Milky Stork <i>Mycteria cinerea</i>	-	2004	present [units unknown]	-	A1	Vulnerable
Lesser Adjutant <i>Leptoptilos javanicus</i>	-	2004	present [units unknown]	-	A1	Vulnerable
Chinese Egret <i>Egretta eulophotes</i>	-	2004	present [units unknown]	-	A1, A4i	Vulnerable
Spot-billed Pelican <i>Pelecanus philippensis</i>	unknown	2004	present [units unknown]	-	A1	Near Threatened
Masked Finfoot <i>Heliopais personatus</i>	-	2004	present [units unknown]	-	A1	Endangered
Lesser Sand Plover <i>Charadrius mongolus</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Greater Sand Plover <i>Charadrius leschenaultii</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Black-tailed Godwit <i>Limosa limosa</i>	winter	2004	present [units unknown]	-	A4i	Near Threatened
Bar-tailed Godwit <i>Limosa lapponica</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Whimbrel <i>Numenius phaeopus</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Eurasian Curlew <i>Numenius arquata</i>	winter	2004	present [units unknown]	-	A4i	Near Threatened
Common Redshank <i>Tringa totanus</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Common Greenshank <i>Tringa nebularia</i>	winter	2004	present [units unknown]	-	A4i	Least Concern

Spotted Greenshank <i>Tringa guttifer</i>	-	2004	present [units unknown]	-	A1, A4i	Endangered
Terek Sandpiper <i>Xenus cinereus</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Curlew Sandpiper <i>Calidris ferruginea</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Spoon-billed Sandpiper <i>Eurynorhynchus pygmeus</i>	-	2004	present [units unknown]	-	A1	Critically Endangered
Gull-billed Tern <i>Sterna nilotica</i>	unknown	2004	present [units unknown]	-	A4i	Least Concern
Lesser Crested Tern <i>Sterna bengalensis</i>	winter	2004	present [units unknown]	-	A4i	Least Concern
Common Tern <i>Sterna hirundo</i>	unknown	2004	present [units unknown]	-	A4i	Least Concern
White-winged Tern <i>Chlidonias leucopterus</i>	winter	2004	present [units unknown]	-	A4i	Least Concern

Screen shot of the extracted fact sheet from the website of www.birdlife.org/datazone/sitefactsheet.php?id=16029

Credits: Map and data extracted from Yeap, C.A., Sebastian, A.C. and Davison, G.W.H. (compilers).2007.*Directory of Important Bird Areas in Malaysia: key sites for conservation*. Kuala Lumpur: Malaysian Nature Society. (MNS Conservation Publication No. 8

Appendix 11: Photographs



1 February 2013: KSNP Ambassadors (UKM students) being briefed on the WWD set up by S.P. Maichal Isthyben , KSNP Park Manager



KSNP Ambassadors setting up the stage with KSNP officers



Hanging up the banner at the Amphithetre



2 February 2013: Setting up the UKM SEE Nature booth



The Malaysian Nature Society (MNS)'s Booth, posters on EAAF Campaign & Ramsar



MNS registration, nature walks and KPA Youth membership booth



MNS booth on KPA Youth and mangroves.



Students coming for the WWD 2013



Students registering for the event



Public nature walk into the Park



KSNP Ambassador explaining to the students on the water test kit



St. John's Ambulance volunteers on duty



Majlis Daerah Kuala Selangor team



MNS Selangor Branch's nature guides for the Nature Walk



Registration of participants



Registration of VIPs, Encik Ishak Kamaruzaman from LUAS



Goodyies bag from SEE Nature programme and participants WWD 2013 participants' tag



Participants' goodyies bag from V.I.V.E., Flyway Campaign badge & WWD 2013 participants' tag



YDP MDKS, Puan Hajah Noraini Roslan, Prof Dr Maketab Mohamad, MNS president, Balu Perumal, MNS Head of Conservation Division, Mohd. Shah Redza, MNS Executive Director



KSNP Ambassador, MC of the event



Welcome speech by Prof Dr Maketab Mohamed, MNS President



Speech by Y Bhg Prof Dato' Dr Saran Kaur Gill, deputy Vice- Chancellor, Industrial Network and Public Affairs UKM



Speech by YDP Puan Hajah Noraini Roslan, MDKS



WWD2013 launching by Prof Dato' Dr Saran, YDP Hajah Noraini, Prof Dr Maketab, Puan Siti Madzlina Salahudin (KSAAS representative) and En Ishak Kamaruzaman



Launching the East Asian-Australasian Flyway Campaign on WWD 2013



Puan Siti Madzlina Salahudin supporting the Flyway Campaign



Flyway Campaign gets the go ahead from Dr Maketab Mohamed, MNS



YDP Puan Hajah Noraini, MDKS supporting the Flyway Campaign



Y Bhg Prof Dato; Dr Saran KAur Gill , UKM supporting the Flyway Campaign



En Ishak Kamaruzaman, representative from LUAS supporting the Flyway Campaign



Puan Siti Madzlina Salahudin, KSAAS representative receiving a souvenir from Prof Dr Maketab Mohamed



Souvenirs for the YDP Puan Hajah Noraini Roslan, MDKS



Souvenirs for Y Bhg. Prof Dato' Dr Saran Kaur Gill, UKM



Souvenirs for En Ishak Kamaruzaman, representative from LUAS



The video screening of SEE Nature programme



A group photo after the WWD 2013 launch



Briefing to the public before a nature walk



VIPs visiting the MNS booth. Mr Balu Perumal explains the EAA Flyway.



VIPs at the LUAS booth



The SEE Nature programme



Dr Norlela (herpetologist) from UKM explaining to the VIPs



VIPs at the V.I.V.E. a company dealing with recycled stationeries.



VIPs visiting the Sahabat Hutan Bakau and Sahabat Hutan Paya Gambut booth (NGOs).



VIPs tasting the mangrove fruit juice at the Sahabat Hutan Bakau booth



YDP going for a ride on the bicycle in the Nature Park



KSNP Ambassador explaining to the school children



KSNP Ambassador explaining the mangroves to the students



Mangrove walk activity by KSNP programme officer, En Ashokumar Rajudurai



Students going to the KSNP lake side for water testing at the mangrove restoration site



Water testing by the students at the lake side in the Nature Park



Going into the mangrove for a clean up contest among schools



Lots of plastic water bottles in the mangroves



Collecting the rubbish from the mangroves



A job well done



HSBC staffs getting organise for the mangrove saplings planting



Putting on the boots before going to the mangrove for planting



HSBC staffs being explained about mangroves on the way to the planting site



The site in KSNP on the western bund of the lake system for planting the mangrove saplings



HSBC staffs and volunteers planting the mangrove saplings



Nature art - weaving attap leaves into animal shapes



Nature Talk #1 by En Ishak Kamaruzaman from LUAS



Nature Talk #2 by En Fairul Izmal Jamal Hisne, MareCet (a marine mammals conservation NGO)



Prize giving ceremony for the mangrove clean up contest by Balu Perumal and closing of the WWD2013.



The Sahabat Hutan Bakau and Sahabat Hutan Paya Gambut members posing at the entrance to the Park's trails



The Flyway boat visit by UKM students and MNS staffs. Sg Buloh jetty.



Large waterbirds along the Sg Buloh river mouth.



Waterbirds along the Sg Buloh coastal riverine mangroves and mudflats



The cockle scooping boats along the Selangor coast



The mudflats along the coastal mangrove belt along the North Central Selangor Coast Important Bird Area - East Asian- Australasian Flyway

