

Capacity Building NGO in the Environmental Field
to Be An Enabler to Malaysian Professionals Growth

BERITA ENSEARCH

April— June 2011 / Volume 1, Issue 2

E-Bulletin at www.ensearch.org/publications/berita



BRIEF HISTORY OF ENSEARCH

ENSEARCH was formed in 1984 by a pioneer group of local professionals and academics from multidisciplinary backgrounds. Its first President (1984-2000) was Ir. K Kumarasivam and its first Hon. Secretary General was Dato' Dr. Abu Bakar Jaafar. Today, ENSEARCH has more than 300 members consisting of corporate, individual and life members.

It is acknowledged that enhanced awareness and capacity building of organizations and individuals through education and training is essential to achieve the objectives of Malaysian Environmental Quality Act, 1974.

Therefore ENSEARCH began formulating and implementing training programs to enhance the capacity for environmental management in Malaysia.

In addition, ENSEARCH organizes Tea Talks and Public Lectures to enhance awareness on pertinent and comprehensive issues on the environment.

ENSEARCH has also been actively involved in dialogue sessions with relevant authorities in development of legislative and regulatory frameworks that are supportive of good environmental management practices.

In recognition of ENSEARCH's objectives, it has been given tax-exempt status whereby the donations to ENSEARCH are exempted by from tax.

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EDITOR'S NOTE

ENSEARCH

is a non-profit association of organizations, professionals, students and people with interest in learning and promoting effective ways to manage the impact of human activities on the environment.

We at ENSEARCH believe that everyone is responsible for managing and mitigating the impacts of their corporate, professional and daily living activities on the environment.

ENSEARCH is also involved in species conservation and poverty eradication through its project Cyber Plant Conservation Network

(www.cpcnet.org).

A warm greeting to all Ensearch members! It has been an eventful past three months with several successful activities organized for members.

We had our 27th Annual General Meeting (AGM) in May which was well attended. The AGM also featured a very informative and entertaining tea-talk by Dr Gary William Theseira from the Ministry of Natural Resources and Environment on Malaysia's Sustainability Agenda & Status Update.

The Ensearch National Photography Competition was launched in May and the competition is well underway. In conjunction with the competition, a Photography Workshop has been organized for amateur photographers in July.

Also coming up in July, is the K. Kumarasivam Memorial Public Lecture & Young Environmentalist Internship Award 2011. This year, the distinguished speaker is none other than YBhg. Dato' Prof. Ir. Dr. Zaini Ujang, the Vice Chancellor of Universiti Teknologi, who will give a lecture on "Value Creation in Environmental Sustainability".

In May, a major tragedy struck where 16 young lives were lost when a landslide destroyed an orphanage in Hulu Langat. Too often, we hear of landslide related tragedies at hill slope developments whenever there is continuous rain. I would like to think that the Highland Towers tragedy 18 years ago would have woken us up to the dangers of hill slope developments, especially in Hulu Langat or Ulu Kelang areas where the annual rainfall is much higher than that experienced in the rest of the Klang Valley.

After every such disaster, an inquiry is usually held, fingers are pointed and blame assigned. The lessons learnt however, are also quickly forgotten. Such incidences can easily be prevented by not developing within steep hilly areas, but very often, conservation takes a back seat to profit and development.

Perhaps the day will come soon when the majority of us will recognise the unnecessary risks taken when developing along hill slopes.

All said, it's now July as the first half of 2011 whizzes past. We look forward to more exciting ENSEARCH programmes as we move towards the second half of the year.

Khoo Boon Keat

OUR VISION

"Malaysians are environmentally aware and are committed to taking personal responsibility to manage and mitigate the impacts of their corporate, professional and daily living activities on the environment"

OUR MISSION

"To promote excellence in environmental management among organisations, professionals and interested persons."



PROFILE OF VICE PRESIDENT 1 MR GOBINATHAN KUMARAN NAIR

Gobinathan Kumaran Nair has been the Vice President I of the ENSEARCH Council and a crucial member of the Management Board for the past 10 years volunteering his time in enhancing the objectives of ENSEARCH and providing direction to its operation.



Gobi at Conference and Exhibition on Waste Management

Gobinathan Kumaran Nair who is fondly known as Gobi started his career at the Attorney

General 's Chamber after completing his degree in Business Management at the Australian Management College majoring in Corporate Law in Corporate Law and Macro Economics.

He continued serving the Malaysian Government at the Ministry of Trade and Industry, Malaysia before he was seconded to Perbadanan Nasional (PERNAS) with the responsibility of setting up and providing direction to the Company Secretariat. He served PERNAS from 1970 – 1989.

Gobi, known for his astute legal mind, continued his career in Corporate Risk and Project Management in a Corporate Consultancy as a Senior Partner. His financial and legal expertise continues to enhance the corporate background of the country. Although Gobi has a heavy schedule enjoying his career as a Corporate Consultant and volunteering to manage ENSEARCH, he ensures that he spends quality time with his wife Theresa Vengadasalam and their three sons.

Gobi and Theresa 's eldest son Ananda Prakash and second boy Ashwin Vishant are in the midst of completing their Engineering degrees at Curtin University, Perth, Australia while the youngest, Arshant Ramesh has just started his education in Acturial Science at the University of Michigan, United States.



PROFILE OF VICE PRESIDENT 1

MR GOBINATHAN KUMARAN NAIR

Gobi 's hobbies include golfing and walking. Gobi 's favorite time of the day is the mornings. He maintains a healthy lifestyle of early to bed and early to rise. His morning ritual consists of a walk in the park at the crack of dawn and enjoying a hearty breakfast with the company of his wife. He also works out at gym to remain fit. Gobi 's motto in life is to remain physically, emotionally and mentally fit to enjoy a holistic lifestyle.



Gobi (second from left) with his friends



Gobi at a Golf Club

As a caring corporate citizen, Gobi often encourages his boys to join his wife at the Soup Kitchen located at Pudu, Kuala Lumpur, tending to the poor and needy. His experiences and expertise has assisted ENSEARCH tremendously in playing a significant role in the field of environmental management and sustainable development in Malaysia.

Gobi 's Areas of Interest

- Advisor to State Investment Businesses on National Renewable Energy Agenda
- Member of Environment Quality Council, Malaysia
- Member of Environment Committee, Federation of Malaysian Manufacturers
- Advisor to SAMSUNG Engineering Co. Ltd., Malaysia
- Advisor to Hyosung Engineering Co. Ltd., South Korea
- Former Board of Director and Advisor to TAI KWONG – YOKOHAMA Berhad.
- Former Board Member and Advisor to SHARP Corporation Co. Ltd. (Sg. Petani) until the organization relocated to China.



FEATURE

Natural Resources Accounting using the Ecological Footprint Analysis

by

Randolph S. Jeremiah

As we approach a new era of environmental sustainability, the Ecological Footprint Analysis (EFA) reveals that humanity's impact is already 1.5 times the Earth's carrying capacity. As the world begins to breach the limits of its renewable (and non-renewable) resources, tools such as the EFA aims to provide individuals, organizations and governments with better information on where strategic actions can be targeted to reverse this trend.

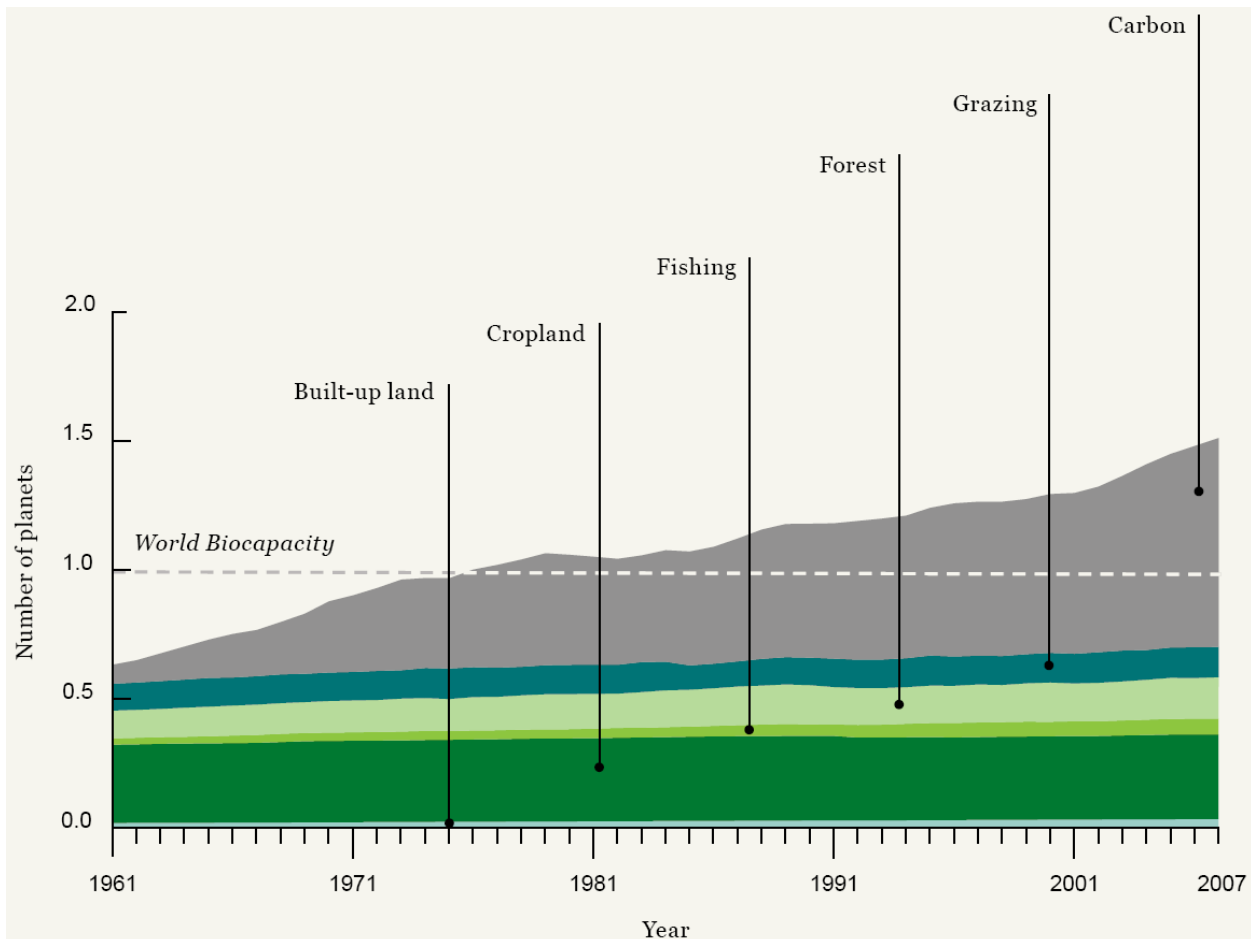
The EFA, co-developed by William Rees and Mathis Wackernagel, is a natural resources accounting framework that tracks humanity's competing demand for resources against the regenerative potential of the Earth¹. As the biosphere provides humanity with almost all its needs, the EFA aggregates the planet's productive land and sea area as a measure of the Earth's regenerative potential or bio-capacity. Humanity's footprint (reported as 'global hectares' or gha) is calculated as the productive area required to produce the primary products consumed by the world's population and to absorb waste generated (see Figure 1).

CARBON UPTAKE FOOTPRINT:	Calculated as the amount of forest land required to absorb CO ₂ emissions from burning fossil fuels, land-use change and chemical processes, other than the portion absorbed by oceans
GRAZING LAND FOOTPRINT:	Calculated from the area used to raise livestock for meat, dairy, hide and wool products
FOREST FOOTPRINT:	Calculated from the amount of lumber, pulp, timber products and fuel wood consumed by a country each year
FISHING GROUNDS FOOTPRINT:	Calculated from the estimated primary production required to support the fish and seafood caught, based on catch data for 1,439 different marine species and more than 268 freshwater species
CROPLAND FOOTPRINT:	Calculated from the area used to produce food and fibre for human consumption, feed for livestock, oil crops and rubber
BUILT-UP-LAND FOOTPRINT:	Calculated from the area of land covered by human infrastructure, including transportation, housing, industrial structures, and reservoirs for hydropower

Source: Living Planet Report 2010

Figure 1: A description of the Footprint's components

In 2007, humanity's footprint was estimated at 18 billion gha (or 2.7 gha per person). However, the Earth's bio-capacity was reported at only 11.9 billion gha (or 1.8 gha), describing an 'ecological overshoot' of about 50 percent more than the planet's regenerative capacity. An overshoot can only be sustained through the exploitation of the planet's capital stocks; however this is at the expense of diminished bio-capacity. Over time, as overshoots increase in magnitude, the risk of ecological instability becomes greater.



Source: Living Planet Report 2010

Figure 2: The global Ecological Footprint from 1961 to 2007 (by its components)

Global Footprint Network (an organisation that leads the development of the EFA), annually tracks the footprints of over 240 nations², which are based on approx. 5,000 data points per country. These assessments demonstrate that nations vary greatly in their footprint profiles. High-income nations, characteristically with larger economies and greater capacity to utilize resources beyond its boundaries (particularly energy sources), exhibit per-capita footprints that are more than three times that of globally sustainable levels (Table 1). On the other hand, most low- and middle-income nations presently exhibit more sustainable footprints but as these nations attempt to move into the high-income bracket, footprints are likely to correspondingly increase.

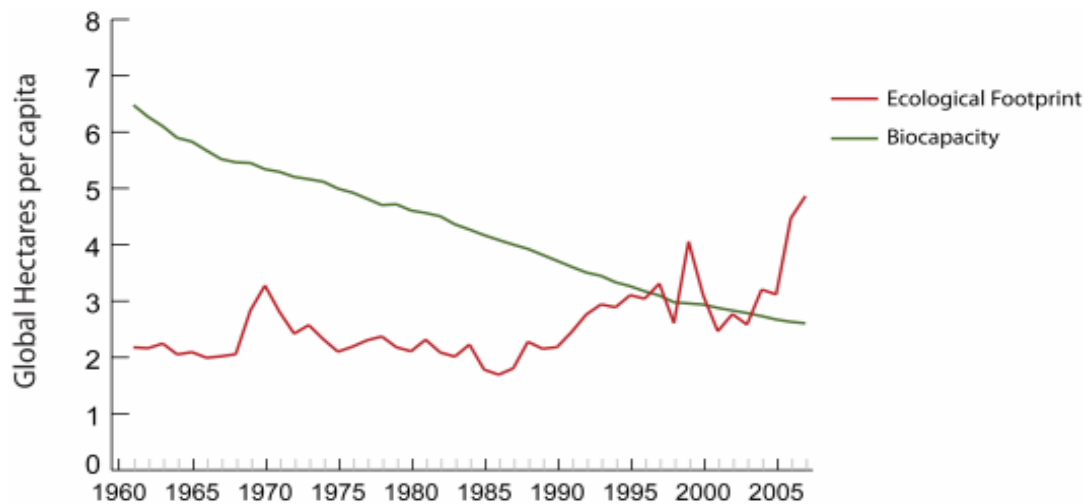
Types	Popula- tion (million)	Cropland Footprint	Grazing Foot- print	Forest Foot- print	Fishing Ground Footprint	Carbon Footprint	Built-up Land	Ecologi- cal Foot- print
High Income Coun- tries	1,031.4	1.02	0.23	0.70	0.26	3.78	0.11	6.1
Middle Income Coun- tries	4,323.3	0.54	0.15	0.20	0.11	0.88	0.07	2.0
Low In- come Coun- tries	1,303.3	0.46	0.11	0.24	0.06	0.25	0.07	1.2

Source: Global Footprint Network (2010)

Table 1: The Ecological Footprint of High, Medium and Low Income Countries (gha per-capita)

More alarming are the EFA trends shown by a growing number of low-income African nations. Population growth and the lack of financial means to access resources beyond its borders have resulted in intense utilization and degradation of bio-capacity within these countries. When placed under such severe resource constraints, per-capita footprints in these nations decline directly impacting the ability of their populations to even meet minimum standards of living.

How does Malaysia fare? At 4.9 gha per capita, Malaysia's footprint is already well above the global average of 2.7 gha (Figure 3). Malaysia's carbon footprint was the most significant contributor at 3.12 gha, a figure close to that of most high-income nations. Malaysia's bio-capacity was however only estimated at 2.6 gha per-capita. These figures reflect an 'ecological overshoot' of almost 55 percent; a deficit largely sustained through the exploitation of the country's renewable and non-renewable resources.



Source: Global Footprint Network (2010)

Figure 3: Malaysia's Ecological Footprint and Bio-Capacity (from 1961)

As Malaysia attempts to transform its economy and move its population into the high-income bracket, how does this impact upon our goals for sustainability? The conventional paths of development followed by most high-income nations in the past were at the cost of intense resource utilization. Today, high-income nations also exert the greatest demand on the Earth's natural resources. In a world already in 'ecological overshoot', diminishing bio-capacity, and in intense competition for natural resources, can other nations similarly achieve economic growth without compromising their ecological resilience and capacity to sustain development for future generations?

The EFA has only begun to help us understand the implications such questions. As a country, Malaysia will need to start to assess the value of its ecological assets and manage its utilization in the most efficient manner. This will need to be reflected in policy and institutional changes as well as new measures of growth (such as Green GDP). Nations with a surplus of ecological reserves (and not those on ecological deficits) will invariably emerge as robust and sustainable economies and societies of the future³.

'If you can't measure it, you can't manage it'

¹ The Living Planet Report 2010, WWF

² Data tables for Global Footprint Network's National Footprint Accounts can be downloaded at http://www.footprintnetwork.org/images/uploads/2010_NFA_data_tables.xls

³ Footprint for Nations, Global Footprint Network (<http://www.footprintnetwork.org>)

Randolph is an Environmental Consultant at ERE Consulting Group Sdn. Bhd. He is also a volunteer with the Environmental Protection Society Malaysia, an NGO that promotes the EFA as a platform for engaging on issues related to policy and institutional changes for sustainable development. He can be contacted at (e-mail) rsj@ere.com.my.

K.KUMARASIVAM ENDOWMENT FUND (KKEF)

ANNOUNCEMENT

MEMORIAL PUBLIC LECTURE 2011

ENSEARCH would like to invite all members of the public, friends and associates of Ir. K. Kumarasivam to the KKEF Memorial Public Lecture 2011. The Memorial Lecture will be presented by YBhg. Dato ' Prof. Ir. Dr. Zaini Ujang, Chairperson of the Environmental Quality Council of Malaysia and Vice Chancellor of Universiti Teknologi Malaysia (UTM). The topic of his lecture is "Value Creation in Environmental Sustainability " The details are as follows;

Date: 7 July 2011, Thursday

Time: 5.00pm

Venue: Kuala Lumpur Golf & Country Club (KLGCC)

Program

17.00 – 17.30	Arrivals of Guests
17.30 – 17.45	Welcome speech & Introduction by En Abdul Aziz Long, President, ENSEARCH Council
17.45 – 18.45	Memorial Public Lecture on "Value Creation in Environmental Sustainability " by YBhg. Dato ' Prof. Ir. Dr. Zaini Ujang, Chairperson of the Environmental Quality Council of Malaysia & Vice Chancellor of Universiti Teknologi Malaysia
18.45 – 19.00	KKEF Internship Award 2011 Presentation
19.00 onwards	Refreshment

FREE ADMISSION

Please contact Ms. Noor Ayuni Ahmad Azlan at po@ensearch.org or 03-6156 9807/8 or log on to www.ensearch.org for further information.



ENSEARCH NATIONAL PHOTOGRAPHY COMPETITION 2011 (ENPC'11)

ANNOUNCEMENT

ENSEARCH National Photography Competition 2011 (ENPC '11)

The ENPC '11 is organized to create awareness on environmental issues through photography skills and talents, and to add to ENSEARCH 's image library. The ENPC '11 was launched on 5 May 2011 with closing date set on 31 August 2011.

We are inviting you to participate by sending entries at RM50 per two photos to be judged and selected by prominent figures in the photography arena. The judges are **Prof. Muhamed Talhah Idrus, Mr. Eric Peris and Encik Ismail Hashim.**

The winners will be announced during the Malaysian Environmental Week in October 2011. The theme chosen is **Naturally Malaysia** and the categories are

- (1) Nature in your backyard
- (2) Habitat Loss, Habitat Gained
- (3) People & Places
- (4) An open category for secondary school students.

For more information, log onto www.ensearch.org.





PHOTOGRAPHY WORKSHOP

ENHANCE YOUR PHOTOGRAPHY SKILLS BY PARTICIPATING IN THE PHOTOGRAPHY WORKSHOP ORGANIZED EXCLUSIVELY FOR AMATEUR PHOTOGRAPHERS IN CONJUNCTION WITH ENSEARCH NATIONAL PHOTOGRAPHY COMPETITION 2011 (ENPC'11).

THIS WORKSHOP WILL BE CONDUCTED BY ONE OF OUR ENPC'11 JUDGES, **MR SANJITPAAL SINGH** AND SPECIAL PRESENTATION FROM **NIKON**

DATE	:	2nd July 2011 (Saturday)
TIME	:	Session 1 : 9.00 AM – 12.00 NOON OR Session 2 : 2.00 PM – 5.00 PM
VENUE	:	Faber Facilities Sdn Bhd Training Room 2, Lot 110, First Floor, Faber Towers, Jalan Desa Bahagia, Taman Desa, 58100, KL

Participation in the workshop is **FREE** and on first come first serve basis!

Limited places are available, so hurry to sign up **NOW!** For reservation, email your details to eng@ensearch.org or call 03-61569807/08

For more info, log on to www.ensearchenpc.com or [facebook.com/ENPC11](https://www.facebook.com/ENPC11).



ENSEARCH CALENDAR

JULY 2011

KKEF Memorial Public Lecture & Young Environmentalists Award 2011 at Kuala Lumpur Golf & Country Club (KLGCC)

Topic: Value Creation In Environmental Sustainability

Speaker : YBhg. Dato ' Prof. Ir. Dr. Zaini Ujang, Chairperson of Environmental Quality Council of Malaysia &

Vice Chancellor of Universiti Teknologi Malaysia (UTM), Johor

7 July (Thurs)

Training: Ambient Air Quality Monitoring & Indoor Air Quality Monitoring

Trainer : Tan Poh Aun

18 July (Mon)

Training on Water Quality Modeling

Trainer : Ir. Zaki Zainuddin & Ir. Maketab Mohamed

27 - 28 July (Wed - Thurs)

AUGUST 2011

Young Environmentalist Internship Placement at International Water Management Institute, Colombo, Sri Lanka

1 - 12 Aug 2011

Training: GIS application in Environmental Management

Trainer : Tan Poh Aun & Lau Tack Guan

16 Aug (Tues)

SEPTEMBER 2011

Training on Scheduled Wastes Management (2 Days) including Field Visit to Kualiti Alam ' s Integrated Scheduled Waste Management

Centre, Negeri Sembilan

Trainer : Peter Ho Yueh Chuen and Ir. Mazura Mazlan

7 - 8 Sept (Wed-Thurs)



ENSEARCH CALENDAR

SEPTEMBER 2011

Training on Sustainable Management of the Environment - Meeting the Requirements through Water Quality Monitoring

Trainer : Ir. Zaki Zainudin

21 - 22 Sept (Wed-Thurs)

OCTOBER 2011

Training on EIA for Infrastructure Development

Trainer : Dr. G. Balamurugan

5 Oct (Wed)

Training on Sustainable Management of the Environment - Meeting the Requirements through Social Impact Assessment - A Collaborative Initiative with Malaysian Association of Social Impact Assessment

11 - 12 Oct (Tues - Wed)

ENSEARCH National Photography Competition 2011: Price Giving Ceremony

October : Date to be determined

NOVEMBER 2011

Conference and Exhibition on Waste Management 2011 (WM 2011)

Theme: *Talent, Innovation and Economics in Managing Waste Management*

Tentatively in the month of November

Earth Day 2011 Celebration : Relaunch of ENSEARCH Website & Public Lecture on “ The Role of Biotechnology in Sustainable Agriculture for The Future ” by Prof. Dr Rofina Yasmin Othman and Dr Subha Basso

Summary

The event was officiated by Datuk Aziyah Mohamad, Deputy Secretary General 1, Ministry of Natural Resources and Environment, Malaysia.

“ E NSEARCH has enjoyed a long and fruitful working relationship with the Government of Malaysia. As an NGO, ENSEARCH continues to pool together industry players and individuals as members, to become active partners in promoting the principles of sustainable development. In addition, ENSEARCH continues to build the capacity of the nation in environmental management through their innovative training programs ”, Datuk Aziyah Mohamad, Deputy Secretary General 1, Ministry of Natural Resources and Environment, Malaysia on Earth Day 2011.



Datuk Aziyah bt Mohamad, Deputy Secretary General I, Ministry of Natural Resources and Environment



(Right to Left) Datuk Aziyah bt Mohamad, Deputy Secretary General 1, Ministry of Natural Resources and Environment, Malaysia and En Abdul Aziz Long,

Earth Day 2011 Celebration : Relaunch of ENSEARCH Website & Public Lecture on “ The Role of Biotechnology in Sustainable Agriculture for The Future ” by Prof. Dr Rofina Yasmin Othman and Dr Subha Basso

The Public Lecture prepared by Prof. Dr. Rofina Yasmin, Under Secretary, National Biotechnology Division, Ministry of Science, Technology and Innovation, Malaysia and Dr. Subha Basso of Centre of Research for Biotechnology and Agriculture (CEBAR), Universiti Malaya. It was delivered by Dr. Basso.

“ The unusual weather pattern and political turmoil that we are experiencing over the last eight to nine month have lead to a food and fuel price hike. It also wreck havoc to our pockets, as well as our physical and mental health. We would like to know how the research and development on bio-technology can assist in addressing some of the global woes. I would like to take this opportunity to thank Y.Berusaha. Doctor for answering our call for information ”, En. Abdul Aziz bin Long, President of ENSEARCH Council on Earth Day 2011.

The public lecture is at [www.ensearch.org/publications/Public Lectures/The Role of Biotechnology in Sustainable Agriculture for the Future](http://www.ensearch.org/publications/Public%20Lectures/The%20Role%20of%20Biotechnology%20in%20Sustainable%20Agriculture%20for%20the%20Future)



Dr. Subha Bhasu of Centre for Research in Biotechnology for Agriculture (CEBAR), Universiti Malaya delivering public lecture



Earth Day 2011 Lunch at ENSEARCH



Launch of ENSEARCH National Photography Competition 2011 (ENPC '11)

Venue : First Class Lounge, KL Sentral, Kuala Lumpur
Officiated by : **Dr Aminuddin bin Adnan**
 President KTMB
Summary : The ENPC '11 was launched to create awareness on the environment. The Competition began on 5th May 2011 and ends on 31st August 2011. The winners will be announced during Malaysia's Environment Week in October 2011.



The sponsors for ENPC '11 with En Abdul Aziz Long, President of ENSEARCH Council (third from left) and Pn Susi Razikin , Chairperson of ENPC '11, (third from right)



The Chairperson of ENPC '11, Puan Susi Razikin at media interview .



VIPs who attended the ENPC '11 Launch Ceremony



The event was officiated by Dr Aminuddin bin Adnan, President of KTMB.

ENSEARCH'S 27th ANNUAL GENERAL MEETING

ENSEARCH 's 27th Annual General Meeting and Tea Talk was held at ENSEARCH Training Centre, Level 2, ENSEARCH Office, Kota Damansara, Selangor on 13th May 2011, Friday.



From left : Ms Geetha P.Kumaran (Honorary Secretary General), En. Abdul Aziz Long (President), Ir. Abu Harith Shamsuddin (Honorary Treasurer)



" Malaysia 's Sustainability Agenda & Status Update " by Dr. Gary W. Theseira, Deputy Under Secretary, Environmental Management & Climate Change Division, Ministry of Natural Resources & Environmental, Malaysia.



Members of ENSEARCH



Corporate and Individual Members with President of ENSEARCH, En Abdul Aziz bin Long (Second from right)

ENSEARCH'S 27th ANNUAL GENERAL MEETING

The Tea Talk on “Malaysia ’s Sustainability Agenda & Status Update ” in conjunction with EN-SEARCH ’s 27th Annual General Meeting 2011 was presented by Dr. Gary William Theseira, Deputy Under Secretary, Environmental Management & Climate Change Division, Ministry of Natural Resources & Environment, Malaysia.

Abstract

Recent global efforts to implement sustainability initiatives, particularly in the environment sector is the fact that sustainability issues cut across all major sectors and therefore can only be addressed through mainstreaming of sustainability initiatives into what would otherwise be considered ‘ business as usual ’ activities.

As such, sustainability lies not as much in what we need to do that we are not already doing, but, in changing how we do what we are already doing. In a holistic approach, all stages of planning, design, procurement, production, transportation, utilization, recycling and disposal need to be evaluated and assessed relative to identified sustainability criteria.

Sustainability may be assessed in terms of natural resource and raw material use and depletion, in terms of building and harnessing human capital, in terms of livelihood, and social development, in terms of fossil fuel-based energy use, or in terms of the quantity of waste generated and its relative recyclability.

The low-carbon roadmap that is currently under development by NRE, the green technology roadmap by KeTTHA, and the other national-scale roadmaps are being crafted with the holistic approach in mind and address low-carbon green development at the national sectoral scale.

At the same time, private sector stakeholders, consumers and civil society will also need to do their part to move the society toward the high GDP, low-emission lifestyle in line with National goals for 2020 and beyond.

TRAINING PROGRAM

Sustainable Management Of The Environment – Meeting The Requirements Through Water Quality Monitoring

Summary

The aim of the training program was to provide a greater understanding of fundamental water quality constituents amongst engineers, environmental consultants, stakeholders and government officers involved in surface water quality preservation

Trainers : **Ir. Zaki Zainudin**
B.Eng. (Chem) , CEnv. (UK) , M.Sc (Env. Eng) , P.Eng. (Chem)
Registered EIA Assistanse Consultant

Sustainable Management Of The Environment – Meeting The Requirements Through Environmental Impact Assessment (EIA) Practices, Erosion & Sedimentation Control Plan (ESCP) & Post EIA Principles

Summary

The course was designed for understanding of principles and framework for EIA and ESCP Procedures in Malaysia. The overall objective was to ensure that the EIA and ESCP are effectively implemented to minimize impact on the environment. Course participants were able to gather good understanding of EIAs as a planning tool and further their knowledge on legislative requirements for EIAs under the EQ (Prescribed Activities) (EIA) Order 1987. In addition, participants were also be exposed to differences related to Preliminary and Detailed EIA and elements governing Post EIA compliance such as Environmental Management Plan (EMP) , Monitoring and Auditing.

Trainers : **Ms Geetha P. Kumaran**
B. Sc. (Hons.) (Ecology) , M. Biotechnology
Registered EIA Consultant MEPRM

: **Ir. Abu Harith Shamsuddin**
B. Sc. Engineering (Civil) Hons, M. Environment, Professional Engineer



Ir.Abu Harith conducting the training on ESCP



Trainer Ms Geetha gives a lecture on EIA and EMP

TRAINING PROGRAM

EIA For Fisheries Projects

Summary

The aim of the training program was to provide an in-depth analysis of various environmental elements that directly or indirectly interact on both culture and capture fisheries. These elements have long been neglected in fisheries projects planning and lack of these integrations invariably leads to adverse impacts on overall growth and expansion of the industry. Participants were engaged in an interactive discourse with the objective of achieving conceptual knowledge on environmental fisheries.

Trainer : **Dr Md Salim Khan**
B. Sc. (Hons.) Fisheries, M.S (Fisheries Biology), PhD (Biology)

Technical Visit to Putrajaya Wetlands

Summary

This technical visit was aimed at enhancing knowledge of target audiences on the structure of the man-made wetland, evolution from construction to current status, economic value, functions and activities related to maintenance, and to discuss pertinent issues related to artificial environmental eco-systems.



Briefing Session on "Putrajaya Lake & Wetland Management" by En Akashah, Deputy Director of Biodiversity, Lake & Putrajaya Wetland Division, from Perbadanan Putrajaya and Council Member of ENSEARCH



Putrajaya Wetlands

Environmental Management & Legislation - A collaborative Initiative with Environment Institute of Malaysia (EIMAS)

Summary

This program highlighted environmental management and the main piece of legislation to protect the environment in Malaysia, the Environmental Quality Act, 1974. It also provided an insight on the historical perspective of environmental protection in Malaysia, the legal framework and National Environment Policy. The Policy which is the guiding force behind new amendments and inclusions for the Act has paved way for a more facilitating Regulations to be gazetted such as the Industrial Effluent Regulations, 2010. Other relevant issues like what regulated community can do to ensure compliance to the Act and, making the Act effective in its intention and purpose was also be discussed in this seminar.

Trainers : **Hajjah Dalilah Haji Dali**
Cik. Rusnani Abdullah



ENSEARCH IN NEWS

Sementara itu, perkara yang sama turut disuarakan oleh Naib Presiden Persatuan Pengurusan dan Penyelidikan Alam Sekitar Malaysia, Gobinathan Kumaran Nair yang mencadangkan kerajaan negeri Selangor mewujudkan sebuah jawatankuasa penyelidikan bencana alam di negeri itu.

"Peranan jawatankuasa itu adalah untuk melakukan penyelidikan terhadap kawasan berisiko tinggi dan seterusnya menyampaikan maklumat kepada penduduk yang lazimnya tidak sedar tentang risiko tersebut," ujarnya.

Title : "Tanah runtuh tidak mustahil berlaku di tempat lain "

Source : Utusan Malaysia, 23/5/2011 (Wednesday)

The Environmental Management and Research Association of Malaysia (Ensearch) has called for more pro-active action from the authorities to prevent such disasters.

"The authorities and the public need to be on alert for landslides, especially when there has been continuous heavy rain for more than two days," its honorary secretary Geetha P. Kumaran said.

She said slopes always showed visible signs of failure, such as gushing of water down the slopes and tilting trees, and both the people and authorities need to be aware of their surroundings and be alert to such signs to avoid disaster.

Title : No approval for orphanage building - Three storey house did not adhere to guidelines, says Selangor exco

Source : The Sun , 23 May 2011 (Wednesday) , Page 2

NGOs WANT DISCOUNT TOO

PETALING JAYA: The Environmental Management Research Association of Malaysia (Ensearch) has called on Tenaga Nasional to extend discounts on electricity bills to non-governmental organisations (NGOs) and community-based organisations (CBOs), in light of the recent hike in tariffs. Ensearch president Aziz Long said the tariff review package includes special rates and discounts of up to 10% for electricity bills at schools, higher learning institutions, places of worship and welfare homes. "But NGOs and CBOs have yet to be considered for such discounts," said Aziz in a statement.

Title : NGOs want discount too

Source : The Sun, 2 June 2011 (Thursday) , Page 4

"With the growing number of amateur photographers of all ages throughout the country, it is good to focus their talents on capturing the actual condition or status quo of their surroundings including the natural environment. Their passion in capturing remarkable moments, people and places will add beautiful colors to our competition thus conjuring up the theme of 'NATURALLY MALAYSIA'," said **Abdul Aziz Long**, President of ENSEARCH.

Title : ENSEARCH National Photography Competition 2011 Officially Begins

Source : Online on <http://www.hardwarezone.com.my/tech-news/view/172030>, 06 May 2011 (Friday)



ENSEARCH IN NEWS

Informasi

ENPC 2011 beri peluang kepada jurugambar amatir

INDIVIDU yang mempunyai hobi merakam gambar pegun kini boleh mengetengahkan kreativiti dan bakat mereka melalui pertandingan fotografi anjuran badan bukan kerajaan (NGO) Ensearch Malaysia.



Ensearch yang merupakan sebuah syarikat pengurusan persekitaran sebelum ini hanya menganjurkan persidangan dan program latihan pengurusan sebelum tampil menganjurkan Pertandingan Fotografi Kebangsaan Ensearch (ENPC) 2011.

Pertandingan julung-julung kali itu mula dibuka kepada orang ramai pada 5 Mei lalu dan tarikh akhir pertandingan adalah pada 31 Ogos depan.

Menurut jurucakap Ensearch, pertandingan itu bukan hanya tertumpu kepada golongan dewasa, malah turut dibuka kepada pelajar sekolah menengah.

"Semua digalakkan untuk menyertai pertandingan ini kecuali jurugambar profesional.

"Setakat ini, kami sudah menerima lebih 100 penyertaan dan kami menyasarkan sebanyak 500 penyertaan," katanya.

Bertemakan 'Naturally Malaysia', pertandingan itu terbuka kepada tiga kategori iaitu persekitaran alam semula jadi, kehilangan habitat ekoran pembangunan serta orang dan tempat.

Selain itu, turut diselitkan pada pertandingan itu satu kategori khas untuk pelajar sekolah menengah.

Yuran sebanyak RM50 dikenakan bagi setiap penyertaan untuk dua imej.

Setiap individu hanya boleh menghantar tiga penyertaan merangkumi sebanyak enam imej sahaja.

Pelbagai hadiah menarik menanti pemenang termasuk wang tunai, kamera dan baucar Keretapi Tanah Melayu Berhad.

Semua urusan berkaitan pendaftaran dan memuat turun imej boleh dibuat melalui laman web www.ensearchenpc.com atau hubungi talian 03-6156 9807.

Title : "ENPC 2011 beri peluang kepada jurugambar amatir"

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CRITICAL SOCIAL RESPONSIBILITY (CSR)

Corporate social responsibility in the context of sewerage services is more of 'critical social responsibility'. Every day, Indah Water Konsortium (IWK) provides complimentary sewerage services to over 9,800 churches, mosques, temples, orphanage homes and old folks' homes nationwide, which are connected to the public sewerage systems; as part of the company's on-going CSR program. The monthly charges amounting to about RM 940,000.00 a year for sewerage services rendered to these places of worships and charity homes have been waived since 1997.

The CSR is also extended to low-cost houses, houses in the village and estates at lower rates as compared to the standard rate of RM 8.00 a month. The monthly rate for low-cost houses is RM 2.00 and houses in the village as well as estates are RM 3.00. The variance of the monthly rate RM 6 and RM5 per month contributes to over RM 52 million a year since 1997.

The other social services provided by IWK, include clearing of clogged sewers at abandoned private sewerage systems in Taman Serendah Indah- Hulu Selangor on 12 April 2011, Bandar Tasik Puteri - Rawang on 26 September 2010 and Taman Impian Jaya - Senai, Johor on 11 April 2010. In all the three cases, the housing developers failed to provide regular maintenance of the sewer networks and also the sewage treatment plants. Problems worsen when residents indiscriminately disposed solid waste or rubbish into the toilets and sewerage systems. IWK provided complimentary sewerage services to relieve residents from the sufferings of overflowing sewage and wastewater in the premises and also at the manholes surrounding the residential areas.

All in all, IWK's corporate social responsibilities have been aimed at preserving the environment, safeguarding the water resources and most critically protecting public health.



Hulu Selangor Member of Parliament, YB P. Kamalanathan briefing residents on the actions undertaken by IWK, Hulu Selangor District Council and SPAN to resolve the abandoned sewerage systems in Taman Serendah Indah.

Indah Water goes to residents' rescue

By Halim Said
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SERENDAH: Living next to an oxidation pond was not much of an issue for residents of Taman Islam Serendah here until their homes turned into a cesspool.

Last week, over 500 residents experienced a backflow of waste water in their homes and business premises due to blocked sewerage pipes.

The blockage was due to poor maintenance of the oxidation pond which was built by the housing developer 17 years ago.

Fortunately for the residents, Indah Water Konsortium (IWK) came to their rescue. On Saturday, IWK cleared the underground sewerage pipes with its high-pressure pumps.

Retiree T. Appana, 66, whose home is less than 20 metres from the pond, said the developer who built the pond failed to service the ox-



K. Kamaladevi says her 1-year-old son had diarrhoea due to the backflow.



Indah Water Konsortium employees cleaning the sewerage system at the oxidation pond. — Picture by Syazana Rose Anwar

idation pond regularly.

"This has been going on for many years and the stench is all over the neighbourhood. There are a lot of flies because of this and we have to deal with this too," said Appana.

Housewife K. Kamaladevi, 28, said her 1-year-old son suffered from diarrhoea due to the backflow.

Residents cleaned up their homes after IWK restored the sewerage system back to normal.

"You could get sick just inhaling the stench. In the past, we hired a con-

tractor to clear out the sludge but it cost us over RM1,000," she said.

Hulu Selangor member of parliament F. Kamalanathan, who was present at the clean-up session, has called on all housing developers to inform house buyers of IWK's services.

"Many of the residents whom I have met claim that they do not know where to go when problems like this occur. Nonetheless, when we are approached, we direct them to the relevant parties," he said.

IWK communications department head Amin Lin Abdullah said preliminary checks by IWK on the sewerage pipes revealed that the pipes were clogged with heaps of solid waste including garbage.

"Some parts of the pipes were also damaged," said Amin.

He said works on the removal of the solid waste is expected to be completed by this week.

"We will inspect the sewerage pipes and identify broken ones using a closed-circuit television camera.

Repair works will be carried out by the Hulu Selangor District Council (MHBIS)."

Amin said the National Water Services Commission (SPAN) will meet up with MHBIS to discuss total restoration of the sewerage system in the housing estate before surrendering the oxidation pond to IWK for its scheduled maintenance.

He also urged residents not to flush garbage down the toilet to prevent backflows and polluting the environment.

Raising a stink over sewage

Bandar Tasik Puteri folks want IWK to take over the system

By STUART MICHAEL
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RESIDENTS staying in 40 houses in Jalan 7, Bandar Tasik Puteri, Rawang, want the developer to repair and hand over the sewage system to Indah Water Konsortium (IWK) Sdn Bhd.

The sewage system has not been running properly for 10 years as IWK is unable to take over from the developer.

Zulkifli Sidang, 47, said for the last three years residents had to clean up the sewage tanks every three to six months as it clogged frequently.

"If we do not clean the sewage tanks, dirty sewage water would flow into our houses."

"There have been cases where raw sewage overflowed from the

»Raw sewage has overflowed from the toilet bowls in some houses«

ZULKIFLI SIDANG

toilet bowls in some houses.

"And to make matters worse, 10 drainage cases have been reported in Bandar Tasik Puteri so far this year."

"We hope that the developer can repair the system and hand it over to IWK to ensure residents do not face the problem again," he said.



Getting the job done: IWK workers clearing out the sewage system as some residents look on.

He added that residents had complained to the developer, the Selangor Municipal Council (MPS) and IWK.

National Water Services Commission (SPAN) central region director Nik Mohd Nasim, Nik Ismail, who received the residents complaints, visited the site and asked IWK to clear the water and told the developer to pay for the costs.

He also urged the developer to hand over the sewage system to IWK.

"If the developer does not provide a time frame, SPAN can take action against errant developers or maintenance managers under Section 65 of the Water Services Industry Act 2006 for faulty sewage tanks, which carries a fine of RM50,000 or under Section 66 of the same Act for environmental pollution which carries a RM50,000

fine and a jail term of six months," he said.

MPS councillor Ahmad Zaidy Abdul Talib had met the developer recently and they had agreed to clean up the blocked sewage system.

"The developer's representative also added that they were unable to clean up the sewage system as many of their workers were on Hari Raya leave," he said.

IWK network crew cleaning clogged sewers of abandoned sewerage systems at Bandar Tasik Puteri, Rawang.



IWK network crew clearing hardened sludge from abandoned sewer at Taman Impian Jaya, Senai, Johor.

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