

**KEMENTERIAN TENAGA, SAINS, TEKNOLOGI, ALAM SEKITAR DAN PERUBAHAN IKLIM**

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LAMPIRAN 1
BERITA HARIAN (NASIONAL): MUKA SURAT 69
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Perbicaraan kes sisa toksik Sungai Kim Kim

'Tarikh sudah kosong peguam pula tiada'

Hakim kecewa
pendengaran
kes ditangguh

Oleh Mohamed Farid Noh
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Johor Bahru: Perbicaraan kes sisa toksik Sungai Kim Kim ditangguhkan Mahkamah Sesyen di sini semalam ke bulan depan berikutan peguam tertuduh mempunyai kes lain di mahkamah tinggi.

Hakim, Wan Mohd Norisham Wan Yaacob, menetapkan perbicaraan kes itu pada 3, 4 dan 5 Disember depan, namun melahirkannya kekecewaan beliau berikutan sudah mengosongkan tarikh semalam bagi mendengar perbicaraan kes berkenaan.

"Kes ini susah hendak dapatkan tarikh yang sesuai untuk semua pihak, namun bila sudah dapat tarikh hari ini (semalam) peguambela pula tidak hadir.

"Orang Kena Saman (OKS) pun tidak hadir walaupun sepatutnya mereka hadir. Mahkamah sudah kosongkan kes lain semata-mata bagi perbicaraan ini, malah saksi juga sudah hadir. Pastikan bulan depan perkara ini tak berulang," katanya.

Terdahulu, wakil peguam kes berkenaan, Hussin Othman dan Timbalan Pendakwa Raya dari Jabatan Alam Sekitar (JAS), FARRA NOR AZURA Jumuddin serta Muhammad Syafiq Mohd Ghazali, memohon penangguhan perbicaraan kes berkenaan.

Mac lalu, sebuah kilang pemrosesan tayar terpakai, P Tech Resources Sdn Bhd dan dua lelaki termasuk seorang warga Singapura, didakwa di Mahkamah Sesyen Johor Bahru atas 15 pertuduhan, masing-masing membabitkan kesalahan gagal mematuhi pemantauan udara

Mahkamah sudah kosongkan kes lain semata-mata bagi perbicaraan ini, malah saksi juga sudah hadir. Pastikan bulan depan perkara ini tidak berulang.

Wan Mohd Norisham Wan Yaacob,
Hakim Mahkamah Sesyen Johor Bahru

bersih dan buangan terjadual di Sungai Kim Kim.

Tertuduh, Wang Jing Chao, 34, warga Singapura dan Yap Yoke Liang, 36, yang juga OKS, masing-masing mengaku tidak bersalah semua pertuduhan dibacakan di hadapan Hakim, Jailani Rahman.

Jing Chao dan Yoke Liang, masing-masing sebagai pengarah kilang berkenaan, didakwa atas tujuh pertuduhan membabitkan pembuangan terjadual, iaitu gagal membuat pemberitahuan mengenai buangan terjadual yang ditetapkan di bawah Peraturan 3(1), Peraturan-Peraturan Kualiti Alam Sekeliling (Buangan Terjadual) 2005, Akta Kualiti Alam Sekeliling 1974 (Akta 127).

Kedua-dua mereka juga didakwa atas lapan pertuduhan membabitkan udara bersih iaitu gagal menjalankan pemantauan berkala di bawah Peraturan-Peraturan Kualiti Alam Sekeliling (Udara Bersih) 2014, akta yang sama.

Kilang terbabit turut didakwa atas 15 pertuduhan sama yang diwakili dua OKS berkenaan.

Semua kesalahan dilakukan di PLO 113, Jalan Nibong 3, Kawasan Perindustrian Tanjung Langsat, Pasir Gudang, kira-kira jam 12.05 tengah hari pada 11 Mac lalu.

LAMPIRAN 2 BERITA HARIAN (NASIONAL): MUKA SURAT 11 TARIKH: 17 OKTOBER 2019 (KHAMIS)

UTHM serlah kejayaan menerusi PECIPTA 2019

Batu Pahat: Kumpulan Penyelidik Universiti Tun Hussein Onn Malaysia (UTHM) meraih empat pingat emas, lima perak dan lima gangsa pada Perisidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA'19), baru-baru ini.

Program anjuran Kementerian Pendidikan (KPM) itu diadakan di Dewan Sultan Ibrahim (DSI), UTHM pada 22 hingga 23 September lalu.

Naib Canselornya, Prof Datuk Dr Wahid Razzaly, berkata beliau amat berbangga dengan pencapaian yang diperolehi penyelidik terbabit, sekali gus mengharumkan nama universiti itu ke peringkat lebih tinggi.

Beliau yakin kejayaan berkenaan boleh dijadikan rangsangan dan inspirasi untuk warga UTHM terus mencipta kecemerlangan terbaik pada masa hadapan.

Lebih membanggakan, katanya, inovasi *E-Khairat - Muslim Cemetery Locator and Management System* yang dibangunkan Prof Madya Dr Mustafa Anjang Ahmad dari Fakulti Kejuruteraan Awam dan Alam Sekitar berjaya menerima Anugerah Khas PECIPTA serta memperoleh pingat emas.

"Pameran pertandingan penyelidikan dan inovasi dwitahunan yang membabitkan semua universiti awam dan swasta di negara ini mendapat penyertaan 458 inovasi dari pelbagai institusi, selain turut dipertandingkan dalam lima kategori utama iaitu fundamental, inovasi, pengkomersialan STEM (Sains, Teknologi, Kejuruteraan dan Matematik) serta keperluan khas.

"Sebanyak lapan anugerah juga dipertandingkan di PECIPTA'19 iaitu Anugerah *The Pitch*, Anugerah PECIPTA, Juara Ino-

vasi Pendidikan Khas, *Top Winner Stem Young Inventor*, *Top Winner Fundamental*, *Top Winner Innovation*, *Top Winner Commercialization* dan *Best of the best*," katanya.

Majlis penutupan PECIPTA'19 itu disempurnakan Ketua Pengarah Pendidikan Tinggi, Datuk Ir Dr Siti Hamisah Tapsir.

Yang turut hadir ialah Pengerusi Lembaga Pengarah UTHM, Datuk Dr Mohd Sofi Osman; Timbalan Naib Canselor (Penyelidikan dan Inovasi) UTHM, Prof Dr Ruzairi Abdul Rahim dan Timbalan Ketua Pengarah Pendidikan Tinggi, Prof Dr Mohd Cairul Iqbal Mohd Amin.

Untuk rekod, PECIPTA'19 adalah penganjuran kali kedua yang diadakan di luar Lembah Klang dan buat julung kalinya dilaksanakan di dalam kampus universiti iaitu UTHM.



Dr Siti Hamisah (tiga dari kanan) dan Prof Wahid (tiga dari kiri) ketika menyampaikan anugerah kepada pemenang PECIPTA'19 di Batu Pahat, baru-baru ini.

LAMPIRAN 3
THE STAR (STAR SPECIAL): MUKA SURAT 12
TARIKH: 17 OKTOBER 2019 (KHAMIS)

An outstanding achievement

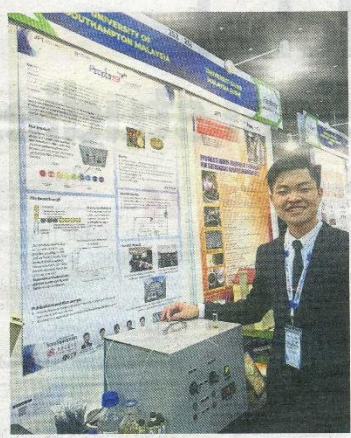
DESPITE being the youngest presenter in the competition, Josiah Yang Kai bagged the silver medal in recognition of his outstanding project during the International Conference and Exposition on Inventions and Institutions of Higher Learning 2019 (PECIPTA).
The recent conference saw some of the brightest minds around the world come together to showcase their projects in the spirit of innovation.
It was held at Universiti Tun Hussein Onn Malaysia (UTHM) Batu Pahat from Sept 22 till 23 under the auspices of the Ministry of Education (MOE) Malaysia.
Yang's project harnesses palm oil as a resource for the production of biodiesel using a microtubular reactor. This is the fifth iteration of the reactor led by Assoc Prof Dr Ng Jo-Han, who is also Head of Academic Quality and Innovation at the University of Southampton Malaysia.
Yang was inspired to work on the project due to his concerns on the environmental and economic issues revolving around fuel production.
The compact design also made his invention not only a brave novelty but also a mobile biodiesel reactor.
The invention has the potential to utilise the abundance of palm oil resources in Malaysia.
When asked how his design works, Yang explained that in the reactor, the production of biodiesel is reduced to just two minutes due to the microfluidics effect.



Yang's project harnesses palm oil as a resource for the production of biodiesel using a microtubular reactor that contributes to the global search for alternative energy.

This is significantly faster than the current industry practice of hours for large quantities of biodiesel.
With the rising concern for the environment on a global scale, the project, which is supported by MOE's Fundamental Research Grant Scheme and the university's Research Seed Fund and Global Partnership Award, contributes immensely to the search for alternative energy.
When asked how he felt being the youngest presenter at PECIPTA19, Yang said, "Being the youngest presenter at the competition actually felt frightening at first - people started vi-

ing how old I was and it felt daunting and also intimidating competing with people who have much more experience. After a while of explaining my topic and presenting, I started gaining more confidence."
Yang is currently in the second year of his MEng in Mechanical Engineering at the University of Southampton Malaysia, located in Iskandar Puteri, Johor.
He will, however, soon be making his transition to the UK for years three and four at the University of Southampton campus.
Yang attributes his success to his



Yang showing project during PECIPTA '19.

Also collaborating on the project with him were Wong Kang Yao, William Chong Woei Fong and Chong Cheng Tung.
The University of Southampton Malaysia was established in 2012 and offers world-class engineering programmes, which include the Engineering Foundation Year and undergraduate MEng programmes in Mechanical Engineering, Aeronautics and Astronautics, and Electrical and Electronic Engineering.
Offering a unique student experience, students spend their first two years in Malaysia and their final two years in the UK.
The University of Southampton is also ranked as a Global Top 10 University according to the QS World University Rankings 2020 and its engineering programmes are ranked among the Top 10 in the UK.
To learn more about the University of Southampton Malaysia, visit www.southampton.edu.my or call 07-560 2560.

LAMPIRAN 4
HARIAN METRO (LOKAL): MUKA SURAT 10
TARIKH: 17 OKTOBER 2019 (KHAMIS)

43 penduduk dibenarkan balik

Baling: Selepas 15 jam berada di pusat pemindahan sementara, seramai 43 penduduk dari Kampung Seputih, Mukim Bakai di sini, dibenarkan pulang, petang semalam.

Pegawai Sekretariat Pengurusan Bencana Daerah Baling, Leftenan (PA), Mohd Faizol Ab Aziz berkata, mangsa dibenarkan pulang selepas keadaan kembali pulih.

Beliau berkata, seramai 16 keluarga ditempatkan di Surau Al-Huda di kam-

pung itu sejak tengah malam kelmarin, selepas kediaman mereka dinaiki air sehingga satu meter akibat limpahan air dari Sungai Ulu Tawar.

"Kita menutup pusat pemindahan sementara jam 3 petang (semalam) selepas kerana keadaan disahkan selamat," katanya ketika dihubungi di sini, semalam.

Ini adalah kali ketiga banjir melanda daerah ini dalam tempoh dua minggu.

Harian Metro

Ulu Tawar

17/10/19



LAMPIRAN 5
HARIAN METRO (LOKAL): MUKA SURAT 10
TARIKH: 17 OKTOBER 2019 (KHAMIS)

RINGKAS

Buka 2 PPS tempat penduduk terjejas

Sungai Siput: Seramai 200 penduduk membabitkan tujuh kampung di daerah Sungai Siput dipindahkan ke Pusat Pemindahan Sementara (PPS) susulan banjir yang melanda kawasan berkenaan sejak pagi, semalam.

Sehingga jam 5 petang semalam, dua PPS dibuka di Dewan Haji Mohamad Padil, Kampung Lintang dan Dewan Orang Ramai Kampung Tok Sirat bagi menempatkan kesemua penduduk yang terjejas.

Jurucakap Sekretariat Pengurusan Bencana Daerah Sungai Siput berkata, seramai 151 penduduk dari 49 keluarga berada di PPS Dewan Haji Mohamad Padil Kampung Lintang.

"Ia membabitkan 50 lelaki, wanita (62), kanak-kanak lelaki (23), kanak-kanak perempuan (enam), bayi lelaki (lima), bayi perempuan (empat) dan seorang lelaki kurang upaya (OKU).

"Air mula naik di kawasan ini kira-kira 5 pagi kerana hujan lebat berterusan sejak semalam (kelmarin), namun setakat 5 petang hari ini (semalam) cuaca cerah serta banjir sudah surut," katanya.



LAMPIRAN 6
HARIAN METRO (LOKAL): MUKA SURAT 10
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Sesi sekolah dibatalkan

Sungai Siput: Banjir yang melanda daerah ini memaksa sesi persekolahan Sekolah Kebangsaan (SK) Lintang, di sini dibatalkan, semalam.

Kawasan sekolah dinaiki air sehingga 1.5 meter jam 5 pagi, menyebabkan murid serta guru terkandas.

Ketua Pegawai Pendidikan Daerah Pejabat Pendidikan Daerah (PPD) Kuala Kangsar, Safuan Haji Rabaai berkata, banjir juga mengakibatkan pintu pagar sekolah tercabut susulan arus deras.

“Seramai 67 murid, 11 guru, seorang kakitangan sekolah dan dua pekerja swasta terjejas akibat banjir.

“Kebanyakan mereka terkandas kerana beberapa jalan utama ditenggelami air, susulan itu sekolah ditutup hari ini (semalam),” katanya.

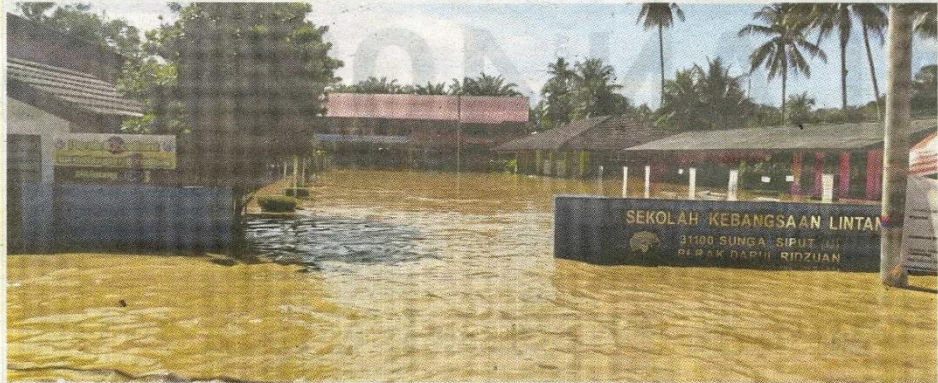
Katanya, Angkatan Pertahanan Awam Malaysia (APM), Polis Diraja Malaysia (PDRM) dan penduduk kampung masih memantau keadaan banjir berikutan air yang semakin naik.

LAMPIRAN 7
HARIAN METRO (LOKAL): MUKA SURAT 10
TARIKH: 17 OKTOBER 2019 (KHAMIS)



SUHAILA (kiri) menjaga ibunya di PPS Dewan Datuk Haji Mohamad Padil, Sungai Siput.

MANGSA banjir bersama anak tinggal di PPS Dewan Datuk Haji Mohamad Padil, Sungai Siput.



SK Lintang, Sungai Siput dinaiki air setinggi 1.5 meter, semalam.

BAH MELANDA

Bawa ibu uzur ke tempat tinggi

116 penduduk dipindah kawasan rumah dinaiki air sedalam 2m

Oleh Mohd Hafizee Mohd Arop hafizee@hmetro.com.my

Sungai Siput

Saya sedar kawasan luar rumah dinaiki air ketika ingin keluar bekerja kira-kira jam 6 pagi, ketika itu rumah kami belum dimasuki air lagi.

Namun, bimbang keadaan ibu (Khatipah Ahmad, 64) yang menghidap angin ahmar, saya bersama adik membawanya menggunakan kerusi roda ke kawasan lebih tinggi, kata Suhaila Baharom, 44.

Suhaila antara 116 penduduk dari 31 keluarga yang dipindahkan ke dua Pusat Pemindahan Sementara (PPS) iaitu di Dewan Datuk Haji Mohamad Padil dan Dewan Orang Ramai Kampung Tok Sirat di Pekan Lintang, setakat 4 petang semalam susulan banjir melanda kawasan itu.

Bencana banjir menjejaskan



Tiada apa yang dapat diselamatkan, hanya tinggal sehelai sepinggang, saya rasa semua barangan rosak seperti banjir pada 2014

Siti Hajar Mohamad

kan tujuh kampung di daerah Sungai Siput iaitu Kampung Belakang Pekan, Kampung Pondok, Kampung Lintang Pekan, Kampung Masjid Lintang, Kampung Batu 11, Kampung Tok Sirat dan Kampung Lasah.

Kawasan berkenaan dinaiki air sedalam dua meter sejak 5 pagi tadi dan turut mengakibatkan Sekolah Kebangsaan (SK) Lintang serta Klinik Kesihatan Lintang ditutup, manakala Balai Polis Lintang turut dinaiki air selain beberapa jalan utama juga ditenggelami banjir.

Tinjauan Harian Metro di SK Lintang yang mempunyai murid seramai 67 orang dan 11 guru itu mendapati air sudah mula surut manakala kerja membersihkan kawasan itu akan dijalankan hari ini.

Suhaila yang tinggal di Kampung Pondok berkata, kejadian banjir itu adalah yang kedua terburuk selepas kali pertama pada 2014.

Kawasan ini memang selalu dilanda banjir kilat. (Tapi) Kali ini boleh dikatakan teruk sehingga saya sekeluarga terpaksa berpindah

ke pusat pemindahan sementara.

Syukur saya sempat membawa ubatan emak. Sejak tengah hari (semalam), cuaca baik dan kami diberitahu air mulai surut.

Namun penduduk belum dibenarkan pulang kerana bimbang banjir akan berulang, katanya yang ditempatkan di Dewan Datuk Haji Mohamad Padil.

Warga emas, Siti Hajar Mohamad, 69, berkata, dia tersedar kira-kira 4 pagi selepas merasakan kaki tersentuh air, dan mendapati air sudah masuk di dalam rumahnya.

Pihak bomba kemudian mengarahkan saya meninggalkan kediaman dan dibawa ke pusat pemindahan sementara memandangkan air semakin naik.

Tiada apa yang dapat diselamatkan, hanya tinggal sehelai sepinggang, saya rasa semua barangan di rumah juga rosak seperti banjir pada 2014, katanya.

Harian Metro (h/15/19)
khamis 17/10/19

LAMPIRAN 8
BERITA HARIAN (VARSITI): MUKA SURAT 11
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Minyak 2T daripada sisa industri sawit

Bahan pelincir dihasilkan lebih mesra alam

Oleh Mohd Khairul Anam Md Khairudin khairul.anam@bh.com.my



Dr Nurin Wahidah Mohd Zulkifli

Kuala Lumpur: Industri sawit menghasilkan banyak sisa buangan sama ada sisa pepejal seperti tandan buah kosong, batang dan daun kelapa sawit atau sisa buangan sampingan semasa pemrosesan minyak masak seperti Efluen Kilang Minyak Kelapa Sawit (POME) serta Sulingan Asid Lemak Kelapa Sawit (PFAD).

Peningkatan kadar pembuangan sisa daripada industri itu berpotensi mencetuskan kebimbangan terutama kesannya kepada alam sekitar.

Masalah itu memberi cetusan idea kepada penyelidik tempatan untuk mencari alternatif baharu dalam mengawal sisa sawit daripada terus menjadi timbunan utama di tapak pelupusan sampah dan dilepaskan ke punca utama air seperti sungai.

Sekumpulan penyelidik dari Fakulti Kejuruteraan dan Pusat Penyelidikan NANOCAT Universiti Malaya (UM) bekerjasama dengan Lembaga Minyak Sawit Malaysia (MPOB) bagi membangunkan bahan pelincir enjin dua lejang atau lebih dikenali sebagai minyak 2T berasaskan ester yang bersifat lebih mesra alam dengan menggunakan bahan buangan industri kelapa sawit.

Berbeza dengan enjin empat lejang yang biasa digunakan untuk kenderaan bermotor bergandar empat, enjin dua lejang

mampu melengkapkan keempat-empat proses enjin daripada proses awal hingga ke ekzos dalam satu putaran enjin sahaja.

Pensyarah kanan di Jabatan Kejuruteraan Mekanik, Fakulti Kejuruteraan UM, Dr Nurin Wahidah Mohd Zulkifli, yang mengetuai penyelidikan terbit berkata, keputusan diperoleh menyaksikan enjin dua lejang mampu menghasilkan kuasa spesifik yang lebih tinggi dan menjadikannya sesuai bagi melaksanakan fungsi permotoran ringan dan mudah alih seperti gergaji enjin bot nelayan.

Memandangkan operasi kitaran dua lejang membabitkan pembakaran di dalam ruangan kotak engkol, enjin ini memerlukan minyak pelincir khusus yang mudah terbakar, malah boleh membantu kelancaran komponen enjin dan dapat menghasilkan pembakaran yang sempurna serta mengurangkan pencemaran.



Antara contoh kelapa sawit yang ditanam bagi tujuan komersial.

"Bahan pelincir yang sedang melalui proses kajian akhir ini mampu menghasilkan pencemaran karbon yang rendah berbanding bahan pelincir 2T berasaskan mineral yang sedia ada di pasaran dan berupaya memberi lebih perlindungan kepada komponen enjin terhadap geseran serta kehausan," katanya kepada BH Varsiti.

Dr Nurin Wahidah berkata, berdasarkan keputusan kajian terkini, kecekapan produk dibangunkan adalah setanding dengan kualiti bahan pelincir 2T berasaskan ester seperti

yang dibangunkan di negara Eropah.

Beliau berkata, penyelidikan itu turut menerima dana Grand Challenge bernilai RM1.5 juta daripada pengurusan universiti untuk tempoh lima tahun yang dijangka berakhir pada penghujung tahun ini.

"Hasil penyelidikan kami dapat memberi manfaat kepada pengguna dan alam sekitar melalui kadar pelepasan gas berbahaya yang rendah, sekali gus meningkatkan penggunaan semula sisa terbuang daripada industri.

"Penyelidikan jangka panjang ini diharap dapat memberi manfaat kepada pembangunan bahan api boleh diperbaharui untuk enjin dua lejang, selain platform penerokaan inovasi bagi rakyat negara ini untuk kelangsungan industri dan ekonomi pada masa hadapan," katanya.

Selain Dr Nurin Wahidah, inovasi berimpak tinggi itu turut diterajui Prof Rafie Johan, Dr Lee Hwei Voon dan Dr Wageh Abdulhadi Yehya masing-masing dari Pusat Penyelidikan NANOCAT.



Industri kelapa sawit negara adalah antara penyumbang kedua terbesar di dunia dan hasil buangannya kini bakal dijadikan bahan api hijau.

LAMPIRAN 9
BERITA HARIAN (VARSITI): MUKA SURAT 6
TARIKH: 17 OKTOBER 2019 (KHAMIS)



Sukarelawan giat menjalankan aktiviti mengutip sampah dan membersihkan kawasan sekitar di Kampung Selimbangun, Sepanggar.



Peserta terdiri daripada pelajar UMS tidak melepaskan peluang bergambar kenangan bersama-sama penduduk kampung terbabit.

Melahirkan masyarakat penyayang di Sepanggar

Kota Kinabalu: Lebih 100 mahasiswa Universiti Malaysia Sabah (UMS) menjayakan program khidmat masyarakat bagi meningkatkan kesedaran mengenai penjagaan kebersihan dan alam sekitar di Kampung Selimbangun, Sepanggar, baru-baru ini.

Program anjuran Jawatankuasa Kebajikan Mahasiswa (JAKMAS) Kolej Kediaman Tun Fuad (KKTF) UMS itu turut mendapat kerjasama agensi luar termasuk Jabatan Alam Sekitar (JAS), Dewan Bandaraya Kota Kinabalu (DBKK) dan Yayasan Dana Kebajikan Muslim Malaysia (YDKMM).

Pengarah program, Humaira Fong Zi Li, berkata program bertemakan Masyarakat Penya-

yang Lahir Bersama Tanggungjawab itu bertujuan mendedahkan sukarelawan terbabit khususnya pelajar UMS berhubung tanggungjawab mereka terhadap komuniti setempat.

"Selain memberi kesedaran mengenai kepentingan menjaga kebersihan dan alam sekitar serta menanam sifat penyayang dalam diri, peserta juga berjaya mengutip sebanyak 1,337.3 kilogram sampah dalam aktiviti gotong-royong dengan dibantu penduduk kampung," katanya.

Majlis perasmian penutupan program itu disempurnakan Timbalan Pengetua KKTF, Muhammad Jumrat Minsun.

Bersempena program berkenaan, turut diadakan penyera-

han sumbangan kepada 11 anak yatim Kampung Selimbangun dan pemberian 30 naskah terjemahan al-Quran daripada YDKMM kepada ahli jawatankuasa Masjid Nur Iman kampung terbabit.

Humaira berkata, program itu disemarakkan lagi dengan aktiviti senaman zumba pada awal pagi dan taklimat kesihatan oleh Pusat Kesihatan UMS, ceramah kesedaran mengenai alam sekitar oleh JAS, penyediaan logistik oleh pihak DBKK dan aktiviti santai dengan penduduk kampung.

"Kami berharap program yang dapat memberi manfaat dan impak tinggi kepada masyarakat ini akan diteruskan pada masa akan datang," katanya.



LAMPIRAN 10
THE SUN (NATION): MUKA SURAT 2
TARIKH: 17 OKTOBER 2019 (KHAMIS)

KL-Jakarta caucus on haze mooted

KUALA LUMPUR: A deputy minister yesterday suggested a joint caucus between the Malaysian and Indonesian parliaments to solve the transboundary haze problems.

Deputy Primary Industries Minister Datuk Seri Shamsul Iskandar Mohd Akin said the government will be chairing the Council of Palm Oil Producing Countries (CPOPC) soon and Indonesia has expressed its commitment to ensure that the production of palm oil is done in a sustainable manner.

"We should establish a joint caucus between the members of the Indonesian and Malaysian parliaments to find a solution to the haze problem as a joint initiative.

"The issue of transboundary haze will also be raised in the CPOPC," he said.

He was replying to a question by Datuk Seri Nancy Shukri (BN-Batang Sadong), who asked about the government's efforts to resolve the annual haze problem.

Shamsul Iskandar also said Malaysian companies did not conduct any open burning in Indonesia that caused the recent haze.

Those responsible were Indonesian smallholders near Malaysian oil palm estates, he said.

Shamsul Iskandar said the Malaysian companies had adhered to the standards of the Malaysian Sustainable Palm Oil certification, the Indonesian Sustainable Palm Oil certification, as well as the Roundtable Sustainable Palm Oil certification - which are all internationally recognised.

"If it is proven that these companies were involved in open burning, action can be taken against them under local laws," he said.

He was responding to Willie Anak Mongin (PH-Puncak Borneo), who asked the ministry to state whether any Malaysian palm oil company was involved in the forest fires in Kalimantan and Sumatra.



LAMPIRAN 11
THE SUN (NATION): MUKA SURAT 4
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Work together to deal with waste issues, local authorities told

BY IAN MCINTYRE
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BUTTERWORTH: Local authorities can better deal with the problem of plastic waste by working with the people and empowering them rather than depend on the use of technology.

This was the common theme put forward by various local governments at the two-day International Zero Waste Cities Conference in Penang that began yesterday.

They advocated continuous engagement with local communities to ensure waste was discarded responsibly.

They also encouraged a reduction in the production and use of plastic bags or an

outright ban of the item.

They said this could reduce the need for equipment such as incinerators to get rid of waste.

Penang state executive councillor Phee Boon Poh, who heads the environment committee, said the state's efforts included a move away from single-use plastic bags and the setting up of a green council to ensure sustainability in all development projects.

He said the people could be enticed to do their part for the environment if they were rewarded for recycling and severely punished for polluting the environment.

"The approach may be different but the outcome is the same - to reduce waste and to find ways to recycle," he added.

The conference is jointly organised by the Consumers Association of Penang, the Global Anti-Inclinator Alliance (GAIA) and the Break Free from Plastic Movement.

Plastic waste became a major problem for Asean nations after China stopped importing waste from developed countries for recycling. The waste is now being sent to Malaysia, Indonesia, Vietnam, Cambodia and the Philippines.

GAIA Asia-Pacific executive director Froilan Grate said local authorities from different cities could share their solutions.

He cited the example of San Fernando in the Philippines and Bandung in Indonesia that have helped one another become zero waste cities.



LAMPIRAN 12
NEW STRAIT TIMES (NATION): MUKA SURAT 13
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Watchdog to impose fines on firms that don't go green

KUALA LUMPUR: A palm oil industry watchdog will adopt rules next month that will impose fines on consumer good companies like Unilever and Nestle if they don't start buying more green palm oil to help curb deforestation in Southeast Asia, said the regulating body.

Producers of palm oil are blamed for destroying millions of hectares of forest in Southeast Asia, in part by using slash-and-burn techniques that blanketed Singapore, Malaysia and Indonesia in smog in September.

The growers, though, say palm oil buyers like Unilever, Nestle, Procter & Gamble Co and PepsiCo share responsibility because they don't buy enough sustainably produced oil, undermining efforts to reward those who adopt greener practises and reduce deforestation.

Last year, growers produced around 13.5 million tonnes of green palm oil — which costs more to grow and process — but only about half of it was sold at premiums to conventional palm oil.

"We are not seeing new de-

mand for sustainable palm oil," said Mohd Haris Mohd Arshad, downstream managing director of Sime Darby Plantation.

Planters received premiums of up to US\$50 (RM209.5) a tonne for green palm oil right after the certification was launched in 2004, but now they get as little as US\$1 to US\$30 over conventional palm oil prices of around US\$500 a tonne.

That makes it hard to cover the extra costs of sustainable palm oil, which, according to Simon Lord, chief sustainability officer at Sime Darby, amount to US\$8 to US\$12 a tonne, not including staff expenses.

To force the issue, the Roundtable on Sustainable Palm Oil (RSPO) will for the first time make it mandatory for buyers to increase their purchases, according to new draft regulations.

The rules, to be implemented next month, will require RSPO members who buy palm oil to increase the proportion of their sustainable purchases by 15 per cent every year or face fines and possible suspension from the green initiative body. **Reuters**

LAMPIRAN 13
THE STAR (NATION): MUKA SURAT 7
TARIKH: 17 OKTOBER 2019 (KHAMIS)

'Not a good idea to go streamless'

Teachers fear more students will choose arts subjects over science

By REBECCA RAJAENDRAM
and SANDHYA MENON
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PETALING JAYA: Teachers are not looking forward to the removal of streaming in Form Four, calling it "rushed" and "not a good idea" that may only end up with more children studying arts subjects than science.

An English teacher from Kuala Lumpur, Selva, described the proposal as "not a good idea".

"Many students do not like the science subjects. By implementing this new system, more will join the arts stream," she said.

With an expected influx of students taking up arts subjects, she said this would be a problem if

there were not enough teachers for such subjects.

A teacher from Sabah, who wanted to be known as Maria, disagreed with abolishing the arts and science streams due to the rush to implement it.

"Problems will occur if such a system is implemented suddenly," said the upper secondary science and mathematics teacher, adding that there first needed to be a comprehensive study.

The teachers were responding to Education Minister Dr Maszlee Malik's announcement that the streamless schools approach would be implemented next year.

Under this approach, secondary students, he said, would be given the freedom to choose what sub-

jects they wanted to study.

National Union of the Teaching Profession (NUTP) secretary-general Harry Tan said teachers would not be adversely affected as they would teach whoever was present in class.

"Only when their classes are popular, they may become oversized and pose problems of quality education," he said.

However, he said administrators should be able to handle the size of the class based on the merits, needs and any other conditions determined by the authorities.

Tan also said it was up to the ministry to find a solution should there be insufficient teachers for a certain subject.

As a short term measure, he said

students could enrol in schools where their chosen subjects were taught.

Universiti Putra Malaysia Educational Studies Faculty dean Prof Dr Samsilah Roslan said the idea of abolishing the science and arts stream at Form Four was "the way forward".

"But it all boils down to proper implementation," said the researcher in the field of children and youth development.

"If we can ensure proper implementation, that the supporting ecosystem in schools is in place and that the tertiary education institutions are involved in the planning and execution, I believe it is the best move for our students."

Many developed countries, she

said, had already done away with streaming due to the downsides associated with labelling, mismatch of personalities and the likes.

"Our country can't afford to have people who are stressed out and not performing because they feel that they ended up in the wrong job," said Prof Samsilah, who is also an educational psychologist.

Parents, companies, industries and other private and public entities, she said, should conduct talks to educate students on what subjects were needed to pursue certain careers.

"It is good if schools can invite companies to give talks to students on career opportunities at their firms and the 'package' they would need to have to qualify," she said.

LAMPIRAN 14
STAR METRO (NEWS): MUKA SURAT 2
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Second time unlucky

Kg Sungai Semungkis residents blame ongoing projects in Hulu Langat for flooding that damaged water pipes

By SHALINI RAVINDRAN
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RESIDENTS of Kampung Sungai Semungkis, Hulu Langat are struggling to clean up their homes as they have been left without fresh water supply following Saturday's mud flood.

Rumah Anak Yatim dan Hidayah Al Hijrah (Raydha) secretary Junaidi Jamaluddin said most of the villagers did not have fresh water to clean or cook as their pipes were damaged during the flood.

"We do not get water from Syabas pipes as the pressure is too low, so we have to rely on Sungai Gahal for water supply.

"With the river full of mud and other debris, we have to find an alternate source of water," he said.

Junaidi said the residents endured flash floods in the past, especially during the construction of the East Klang Valley Expressway (EKVE) that started in 2016.

He claims that the recent flooding was due to the construction of the highway that was still ongoing.

"In November 2017, there was a similar mud flood. Residents are still waiting for compensation.

"The highway developers promised that mitigation measures would be in place so that this would not recur," he said.

In 2017, Kajang Municipal Council issued a stop-work order and a compound notice under Section 71 Street, Drainage and Building Act 1971 with a fine of RM250,000 to the project developer after the flash flood and mud-slide.

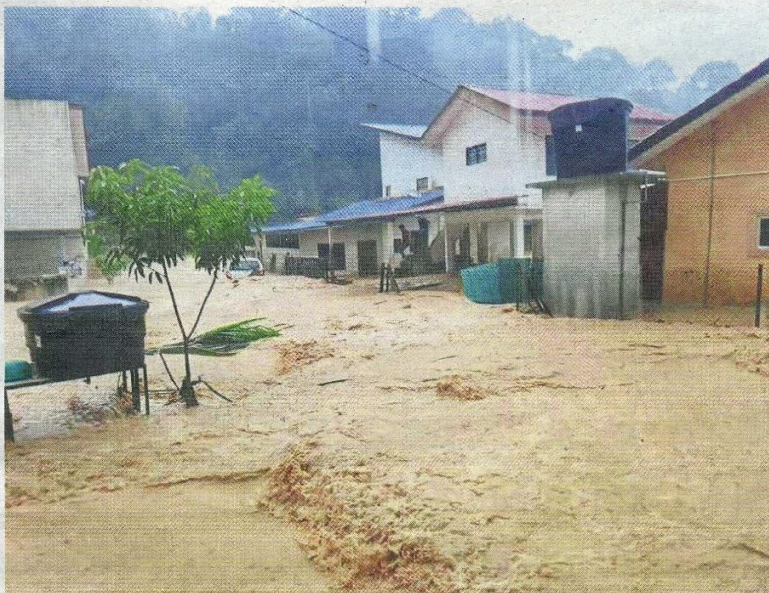
"We are not against development, but we have become victims of development," Junaidi added.

Saturday's incident affected Kampung Sungai Serai, Kampung Sungai Semungkis, Kampung Sungai Gahal and Kampung Batu 10 Cheras.

Continuous heavy rain for over two hours from 5pm resulted in 46 houses in Hulu Langat being inundated by flash floods.

Forty houses in Kampung Sungai Gahal and six in Kampung Sungai Semungkis were also under 1m water.

In a statement, EKVE project concessionaire Ahmad Zaki



Kampung Sungai Semungkis inundated for the second time.

Resources Bhd (AZRB) said the mudflow at Kampung Sungai Semungkis was the result of heavy rainfall, recording 108mm.

"The source of the overflow was mainly from Sungai Gahal, which flows through alienated land not under the river reserve.

"There were also multiple private developments within the area.

"Since 2017 up to a day before the incident, no major flood was reported in the area. EKVE has completed all earthworks from Camp Al-Naim/Felcra Sungai Semungkis to the Ampang interchange, inclusive of crossing culverts.

"A terramesh retaining wall was erected and the necessary slope protection in front of Camp Al-Naim/Felcra Sungai Semungkis was also done. We are currently working on the road base," it said.

The company added that due to



Kampung Sungai Semungkis was under 1m water in Saturday's incident.

the downpour, flash floods occurred everywhere within the Ampang and Hulu Langat area, even at locations further away from the EKVE project site.

"Our Emergency Response Team (ERT) responded immediately upon receiving reports from stakeholders. The ERT team was available on-site to take the necessary action.

"Our management team was also present," the statement said, adding that a discussion took place between the team and stakeholders in the presence of Hulu Langat MP (Datuk Hasanuddin Mohd Yunus) on the immediate action to be taken.

"To mitigate the situation, plans were set for regular maintenance of Sungai Gahal, including de-silting when required, improving the Erosion and Sediment Control Plan (ESCP) to follow best management practices, and re-sizing the silt trap within the forest reserve as discussed with the Forestry Department.

"Although the cause of the flash flood is being investigated, the Hulu Langat MP and the local authority are aware that Sungai Gahal is to be deepened, widened and acquired as a reserve.

"This is to be brought up to the state and federal authorities for approval, as a more permanent solution," it added.



Residents of Kampung Sungai Semungkis struggling to clean up their homes as they do not have access to clean water following the mud flood.

LAMPIRAN 15
THE STAR (FOREIGN NEWS): MUKA SURAT 8
TARIKH: 17 OKTOBER 2019 (KHAMIS)

RSPO to force consumer goods giants to go green

Unilever, Nestle pledge to use more green palm oil

KUALA LUMPUR: A palm oil industry watchdog will adopt rules next month that will impose fines on consumer goods companies like Unilever and Nestle if they don't start buying more green palm oil to help curb deforestation in South-East Asia, the regulating body said.

Producers of palm oil, a commodity used in everything from ice cream to lipstick, are blamed for destroying millions of hectares of forest in South-East Asia, in part by using slash-and-burn techniques that blanketed Singapore, Malaysia and Indonesia in smog in September.

The growers, though, say palm oil buyers like Unilever, Nestle, Procter & Gamble Co and PepsiCo share responsibility because they don't buy enough sustainably produced oil, undermining efforts to reward those who adopt greener practices and reduce deforestation.

Last year, growers produced around 13.5 million tonnes of green palm oil – which costs more to grow and process – but only about half of it was sold at premiums to conventional palm oil.

“We are not seeing new demand for sustainable palm oil,” said Mohd Haris Mohd Arshad, downstream managing director of Sime Darby Plantation, the world's biggest producer of the environmentally friendly variety.

“How do you get others to move towards (sustainable methods) when there's not even an incentive for it?”

Planters received premiums of up to US\$50 (RM209.70) a tonne for green palm oil right after certification was launched in 2004, but now they get as little as US\$1 to US\$30 over conventional palm oil prices of around US\$500 a tonne.

That makes it hard to cover the extra costs of sustainable palm oil, which, according to Simon Lord, chief sustainability officer at Sime Darby, amount to US\$8-US\$12 a tonne, not including staff expenses.

Datuk Carl Bek-Nielsen, chief executive of United Plantations, said the consumer goods companies are not doing their part: “When push comes to shove, the only thing holding them back is their fear of having to pay a slight premium.”

To force the issue, the Roundtable on Sustainable Palm Oil (RSPO) – a regulator whose members include consumer companies, retailers, traders and palm growers – will for the first time make it mandatory for



Bek-Nielsen: When push comes to shove, the only thing holding them back is their fear of having to pay a slight premium.

buyers to increase their purchases, according to new draft regulations.

The rules, to be implemented in November, will require RSPO members who buy palm oil to increase the proportion of their sustainable purchases by 15% every year or face fines and possible suspension from the green initiative body.

When asked about the rules, the big consumer firms said they have pledged to eventually use only green palm oil in their products, but also that there are still supply reliability and transportation issues to overcome.

Only a fifth of last year's global palm oil output of 68 million tonnes had RSPO sustainable certification, which requires growers to meet standards on protecting forests, workers' rights and transparency.

Part of the problem, the producers say, is that the goods companies buy sustainable oil mostly for products sold in Europe, and not for goods for India and China, the world's

biggest palm oil markets and where price drives consumer demand.

Nestle told the RSPO that last year 56% of the palm oil it used in Europe was sustainable, while only 4% was green in India and none was in China. For Unilever, 97% of its palm oil used in Europe was 'green, compared with 41% in India and 48% in China.

Nestle said it was committed to achieving RSPO sustainable certification for 100% of its palm oil by 2023.

“Achieving a sustainable palm oil industry... requires all companies in the supply chain to take action,” a Nestle spokeswoman told Reuters by email.

Gemma Shaw, a Unilever spokeswoman, said her company was also committed to sustainable palm oil.

“Although consumer demand... does vary from market to market, our commitment is a global one,” Shaw said, adding that the RSPO numbers were old and that Unilever has made progress since then. — Reuters



LAMPIRAN 16
BERITA HARIAN (LUAR NEGARA): MUKA SURAT 81
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Taufan Hagibis landa Jepun

Kerajaan Tokyo sedia RM27j bantu mangsa

Tokyo: Kerajaan Jepun bakal menyediakan peruntukan jutaan dolar untuk membantu kawasan terjejas disebabkan Taufan Hagibis, yang mengorbankan lebih 70 orang di seluruh negara itu.

Perdana Menteri Jepun, Shinzo Abe berkata, kerajaannya menawarkan 710 juta yen (RM27.26 juta) untuk membantu kawasan yang terjejas disebabkan taufan itu.

Katanya, dana itu adalah sebahagian daripada simpanan kecemasan yang berjumlah 500 bilion yen (RM19.28 bilion).

Tokyo juga akan mempercepatkan pengeluaran bantuan kepada lebih daripada 300 majlis yang dilanda bencana.

“Kerajaan akan bersama menyelesaikan masalah un-

tuk membantu mangsa, mereka juga akan kembali kepada kehidupan biasa secepat yang mungkin,” kata Abe.

Jurucakap kerajaan, Yoshihide Suga memberitahu wartawan, sehingga pagi ini, lebih daripada 10,000 isi rumah masih terputus bekalan elektrik, sementara lebih 110,000 isi rumah masih tidak mendapat bekalan air.

“Disebabkan hujan lebat, paras air sungai naik dan terdapat beberapa kawasan tanah menjadi lumpur,” katanya.

Taufan Hagibis melanda Jepun pada Sabtu lalu, membawa angin kencang dan hujan lebat yang menyebabkan tanah runtuh dan puluhan air sungai melimpah. AFP

LAMPIRAN 17
THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 7
TARIKH: 17 OKTOBER 2019 (KHAMIS)

Japan allocates **millions** in aid for typhoon-hit regions

➤ Money to come from ¥500 billion emergency reserve, says Abe

TOKYO: Japan's government said yesterday it would set aside millions of dollars to help areas devastated by Typhoon Hagibis, which killed more than 70 people across the country.

Hagibis slammed into Japan on Saturday, unleashing fierce winds and unprecedented rain that triggered landslides and caused dozens of rivers to burst their banks.

The government so far has put the toll at 74, with more than a dozen people still missing.

Prime Minister Shinzo Abe said his government would offer ¥710 million (RM27 million) to help areas affected by the storm.

The money will come from a ¥500 billion emergency reserve, he said.

Tokyo will also fast-track the disbursement of subsidies to more than 300 disaster-hit municipalities.

"The government will stand united to tackle the issue of supporting victims, so that they will be able to return to a normal life as quickly as possible," Abe said.

More than 10,000 households were still suffering from electricity blackouts, while more than 110,000 households are without running water, top government spokesman Yoshihide Suga told reporters.

"Today, too, rescue workers are putting their utmost efforts in search and rescue work," he said.

"Due to the heavy rains, the level of water is rising in rivers and there are spots where the ground is getting muddy."



A man clearing debris in the aftermath of Typhoon Hagibis in Yanagawamachi district, Date City, Fukushima prefecture, Japan yesterday.

"We call on people to be vigilant about landslides and floods," he added.

Television footage showed residents returning to homes filled with brown mud, and rescuers searching a hillside for a family missing after a landslide.

The country's northeast was particularly hard hit by the typhoon, with the death toll at 26 in Fukushima prefecture, the highest among the 36

of Japan's 47 prefectures that were affected.

Collapsed embankments were observed at around 80 locations along 55 rivers in the country, the infrastructure ministry said, as it continues to assess the extent of the damage.

Local trains have gradually resumed operation but some Shinkansen bullet trains were still suspended in the hard-hit Nagano and Niigata regions in central Japan. - AFP

LAMPIRAN 18
NEWS STRAIT TIMES (WORLD): MUKA SURAT 76
TARIKH: 17 OKTOBER 2019 (KHAMIS)

DANGEROUS PARTICLES

Air pollution caused 400,000 premature deaths in Europe

BRUSSELS: Poor air quality caused about 400,000 premature deaths in Europe in 2016, the most recent year data available, and every city-dwelling European is exposed to pollution levels that exceed healthy levels, according to a report yesterday.

"Air pollution is the most important environmental risk to human health," the European Environment Agency (EEA), the EU's health agency, said in the report.

The report's author, EEA air quality expert Alberto González Ortiz, said while the level of dangerous particles in European cities was dropping, it was not dropping fast enough.

"We have not yet reached the EU standards and of course we are far from reaching the WHO (World Health Organisation) standards," Ortiz said.

EU law requires countries to assess the level, notably in urban areas, of a range of pollutants, including ozone and particulate matter, and take action if certain limits are hit.

Particle pollution in cities has become the target of tougher restrictions after the EU's top court ruled in June that cities needed to act if pollution levels were exceeded in a single black spot rather than based on an average across a region.

In July, the European Commission (the EU executive body) asked the EU's Court of Justice to act against Spain and Bulgaria over their poor air quality.

EU limits are set per pollutant and in 2017, 16 out of the EU's 28 member states reported at least one case of levels of nitrogen dioxide, a poisonous gas in car exhaust, being higher than the legal EU annual mean concentration. This list includes France, Belgium, the Netherlands, Spain, Germany and Britain.

Some stations in London, for example, reported levels of more than 50 microgrammes of nitrogen dioxide per cubic metre of

air, compared with the legal EU annual mean concentration of 40 microgrammes.

On Tuesday, the British government proposed a new environment bill that includes legally-binding targets to reduce fine particles in the air and forcing vehicle manufacturers to recall cars that do not meet particle emission standards.

Reducing the number of cars is an important factor in reducing air pollution in cities, especially of nitrogen dioxide, Ortiz said.

"When we fight pollution, we also fight climate change and promote healthy behaviour. It's a win-win," he added. **AFP**