

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>One agency to manage efficient satellite data and information gathering / Malaysian Space Agency Formed</u>	New Straits Times	Klik pada tajuk berita dan Rujuk lampiran 1
2.	<u>Dasar baharu industri elektrik diumumkan April / Dasar baharu industry diumumkan bulan depan</u>	Berita Harian	Klik pada tajuk berita dan Rujuk lampiran 2
3.	<u>Lebih 50 peratus sampah dikutip adalah plastik</u>	Sinar Harian	Klik pada tajuk berita
4.	<u>Bekalan air cukup untuk tanaman padi</u>	Sinar Harian	Klik pada tajuk berita
5.	<u>Kemarau jejas paras air sungai di Kelantan</u>	Malaysiakini	Klik pada tajuk berita
6.	<u>Tarik minat graduan jadi usahawan</u>	Harian Metro	Klik pada tajuk berita
7.	<u>Govt's renewable energy plan seen negative for IPPs</u>	Daily Express	Klik pada tajuk berita
8.	<u>Jerebu mungkin berulang</u>	Utusan Malaysia	Klik pada tajuk berita
9.	<u>Jerebu teruk mungkin melanda negara</u>	Sinar Harian	Klik pada tajuk berita
10.	<u>Masuk politik bukan untuk jadi menteri</u>	Sinar Harian	Klik pada tajuk berita dan Rujuk lampiran 3
11.	<u>Negara berdepan risiko jerebu - KP Bomba</u>	Berita Harian	Klik pada tajuk berita



12.	<u>Cuaca panas fenomena biasa</u>	Utusan Malaysia	Rujuk lampiran 4
13.	<u>Mysa, agensi baru kumpul maklumat satelit</u>	Kosmo	Rujuk lampiran 5
14.	<u>Hadapi masalah jerebu teruk jika berlaku pembakaran terbuka</u>	Utusan Malaysia	Rujuk lampiran 6
15.	<u>'Firm action needed on plastic waste'</u>	The Star	Rujuk lampiran 7
16.	<u>Felda Folk Lament River Pollution</u>	Sinar Harian	Rujuk lampiran 8
17.	<u>Lynas: Laporan EIA Pemberitahuan Pertama</u>	Utusan Malaysia	Rujuk lampiran 9

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
18.	<u>Social media revolution and polarization. Are we ready to be influenced by Artificial Intelligence?</u>	Astro Awani	Klik pada tajuk berita
19.	<u>Lapor segera dalang, YB tawar ganjaran RM300!</u>	Sinar Harian	Klik pada tajuk berita
20.	<u>'E' in STEM should be English</u>	The Star	Rujuk lampiran 10
21.	<u>Usah pilih kasih bangkit isu alam sekitar</u>	Berita Harian	Rujuk lampiran 11
22.	<u>Imparting lessons on recycling</u>	The Star	Rujuk lampiran 12
23.	<u>MPAJ drives home benefits of recycling</u>	The Star	Rujuk lampiran 13



24.	<u>Make IoT Part of Education Policy</u>	New Straits Times	Rujuk lampiran 14
25.	<u>Air graviti kian kontang</u>	Harian Metro	Rujuk lampiran 15

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
26.	<u>Alabama tornado kills at least 23</u>	The Sun	Rujuk lampiran 16
27.	<u>Putting beliung badai Alabama</u>	Kosmo	Rujuk lampiran 17
28.	<u>Hot, hot, hot? February was one of Singapore's hottest months in 90 years</u>	The Independent	Klik pada tajuk berita
29.	<u>Xinhua guna robot pembaca berita / Robot Kecerdasan buatan (AI) baca berita</u>	Sinar Harian	Klik pada tajuk berita dan Rujuk lampiran 18
30.	<u>Rumah ranap, pokok tercabut</u>	Harian Metro	Rujuk lampiran 19
31.	<u>Tornado rips through Alabama</u>	The Star	Rujuk lampiran 20
32.	<u>23 maut, puting beliung badai AS</u>	Berita Harian	Rujuk lampiran 21

LAMPIRAN 1
NEW STRAITS TIMES (NEWS/NATION): MUKA SURAT 64
TARIKH: 5 MAC 2019 (SELASA)

MERGED ENTITY

MALAYSIAN SPACE AGENCY FORMED

Angkasa and Malaysian Remote Sensing Agency merged for greater efficiency

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THE National Space Agency (Angkasa) and Malaysian Remote Sensing Agency (MRSA) have been merged to improve work efficiency.

Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said the merged entity called Malaysian Space Agency (MYSA) would focus on technology, infrastructure and strategic space

application development to help generate revenue for the country.

She said MYSA would be tasked with gathering satellite data and information system to assist public agencies in terms of food security, natural resources, environment and climate change management, disaster management and security.

“For example in agriculture, MYSA can monitor work progress in any agricultural industry with existing satellite facilities and technologies.

“There is no need for officers to

go to the ground to monitor the situation.

“The same goes for the fishery sector.

“Fishermen can search for resources by using satellite data to locate areas that have plenty of fish.

“This initiative will help these sectors to generate more income and revenue for the country.

“It will also help the government reduce operation costs by at least 50 per cent and, at the same time, help to boost efficiency in these sectors,” said Yeo at a press conference on the development of the space technology sector at MRSA here.

Yeo, who was on a working visit to MRSA, was accompanied by the agency’s director-general Az-



Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin (third from right) looking at an exhibit during her visit to the Malaysian Remote Sensing Agency (MRSA) in Kuala Lumpur yesterday. With her is MRSA director-general Azlikamil Napiah (right). PIC BY KHAIRUL AZHAR AHMAD

likamil Napiah.

She said the data and information collected could be shared with the private sector.

The information-sharing initiative could help private agencies develop and achieve their own modelling system, as well as intellectual property, generate more income, thus depending less on the government.

“MYSA can also rent out facilities and equipment in its build-

ing to these private agencies. This helps generate income.

“The government cannot afford to pay for the equipment’s maintenance fees when they are not being used at all.

“They are expensive to maintain.

“Therefore, the agencies must make full use of the equipment and rent them out to private agencies so that the revenue can pay for the maintenance fees.”

LAMPIRAN 2
BERITA HARIAN (ISU): MUKA SURAT 8
TARIKH: 5 MAC 2019 (SELASA)

Dasar baharu industri elektrik diumumkan bulan depan

Shah Alam: Dasar baharu industri tenaga elektrik negara akan diumumkan April ini, kata Menteri Tenaga, Teknologi, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin.

Bee Yin berkata, dasar baharu itu antara lain akan melonjakkan industri tenaga elektrik untuk lebih berdaya saing, serta menstabilkan tarif elektrik untuk tempoh jangka panjang.

Bagaimanapun, beliau tidak mahu mengulas sama ada dasar baharu itu bakal memecah monopoli Tenaga Nasional Berhad (TNB), dalam industri tenaga elektrik negara.

Sedang perincian dasar baharu

"Saya tidak boleh ulas lanjut kerana dasar baharu ini sedang diperincikan dan tunggu pengumuman oleh kerajaan April nanti," katanya selepas menjadi tamu program *Bicara Minda* di Seksyen 15 di sini, semalam.

Program itu dikendalikan oleh moderator Tan Sri Johan Jaafar.

Terdahulu, ketika menjadi tamu program *Bicara Minda*, Bee Yin berkata, tenaga solar dijangka menggantikan sistem konvensional bekalan elektrik menggunakan arang batu menjelang 2030.

"Ketika ini penggunaan tenaga solar di negara ini hanya dua peratus. Sasaran kerajaan ialah untuk meningkatkan penggunaannya kepada 20 peratus pada 2025.

"Seterusnya tenaga elektrik menggunakan solar akan menggantikan arang batu menjelang 2030 dan ini ialah sasaran kerajaan.

"Dengan peningkatan harga arang batu global, sasaran baharu ini diyakini akan dicapai," katanya.

Mengulas lanjut katanya, Malaysia memiliki sumber semula jadi yang banyak seperti hidro, solar, biogas dan biomass.

LAMPIRAN 3
SINAR HARIAN (BICARA MINDA): MUKA SURAT 14
TARIKH: 5 MAC 2019 (SELASA)

bicara
minda YEO BEE YIN

MENTERI TENAGA, SAINS, TEKNOLOGI,
PERUBAHAN IKLIM DAN ALAM SEKITAR

LAPORAN: NOORAINULYAKIN ISHAK, SITI NURSAHIDAH ABI BAKAR & MOHD HAFIZ ISMAIL

FOTO SINAR HARIAN/ASRIL ASWANDI SHUKOR

Masuk politik bukan
untuk jadi menteri

Menjadi menteri wanita dan antara yang termuda dalam Kabinet
ketika ini, tanggungjawab besar digalas oleh Menteri Tenaga,
Sains, Teknologi, Perubahan Iklim dan Alam Sekitar, Yeo Bee
Yin. Apatah lagi kementerianya mencakupi banyak sektor yang
penting untuk negara. Ikuti wawancara bersama beliau dalam program
Bicara Minda anjuran Sinar Harian semalam yang dikendalikan
moderator, Tan Sri Johan Jaaffar.

MENTERI Tenaga, Teknologi, Sains,
Perubahan Iklim dan Alam Sekitar,
Yeo Bee Yin mengakui penglibatannya
dalam politik bukan untuk menjadi
menteri.

Sebaliknya, Ahli Parlimen Bakri
itu berkata, beliau hanya ingin mem-
bawa perubahan kepada negara.

"Bagi saya, perubahan dari segi
sistem itu penting. Polisi adalah sangat
penting untuk membuat perubahan.

Saya masuk politik bukan sebab
nak jadi menteri tetapi untuk me-
nyumbang atau buat sedaya upaya
untuk membawa perubahan.

Sebagai Ahli Parlimen atau men-
teri, 'mind set' saya sama saja iaitu saya
nak buat yang terbaik untuk bawa
impak positif kepada masyarakat.

Sama ada saya berpuas hati dengan
prestasi ketika ini, itu biar rakyat tentu-
kan. Saya juga tengok banyak wanita
sekarang yang berjaya dalam bidang
berbeza. Saya rasa kita bukan saja ada
peranan untuk jadi diri sendiri, tetapi
menjadi inspirasi kepada orang lain.

"Saya harap kisah saya dan ramai
lagi wanita yang berjaya memberi in-
spirasi kepada generasi akan datang.

Jangan sesekali kita memandang
rendah kepada kemampuan wanita
kerana kita juga boleh menyumbang
kepada negara," katanya.

Kerajaan pandang serius
isu perubahan iklim

Menyentuh soal perubahan iklim
dan pemanasan global, Bee Yin ber-
kata, kerajaan akan menganalisis risi-
ko yang timbul berdasarkan data-data
diperolehi.

Katanya, ini membolehkan negara
bersiap sedia dari segi infrastruktur
untuk menghadapi sebarang kesan
daripadanya.

Mengenai perubahan iklim ini,
kita kena tengok dua aspek iaitu mi-
tigasi dan adaptasi. Mitigasi bermak-
sud bagaimana kita boleh kurangkan
pengeluaran karbon dioksida supaya
pemanasan global tidak berterusan.

Adaptasi pula ialah bagaimana kita
menyesuaikan diri dengan suasana
atau perubahan iklim.

Perubahan iklim ini bukan apa

Jangan
sesekali kita
memandang
rendah kepada
kemampuan wanita
kerana kita juga
boleh menyumbang
kepada negara."

-Bee Yin



Kekalahan PH satu 'wake-up call'

DITANYA pandangannya mengenai kekalahan PH dalam PRK DUN
Semenyih, Penolong Setiausaha Publisti DAP ini menyifatkan ia perlu di-
jadikan 'wake-up call' agar PH menjadi kerajaan yang lebih baik.

"Saya bukanlah pakar dalam analisis politik. Tetapi bagi saya kekalahan
ini adalah 'wake-up call' di mana kita perlu jadi kerajaan yang lebih baik.

"Kita kena membuat polisi yang boleh dirasai oleh rakyat," katanya.

yang berlaku ikut sejarah. Contohnya,
banjir monsun pernah berlaku bebe-
rapa tahun lalu, itu bermaksud biasa.
Tetapi kalau ia terjadi lebih serius da-
ripada yang pernah berlaku dalam
sejarah, bermakna perubahan iklim
telah berlaku.

Paling ketara ialah taburan hujan
yang sedang berubah. Impak negatif
ialah kita tak tahu di mana taburan
hujan dan tadahan hu-
jan. Ada banyak lagi
impak kita perlu tahu.

Apabila kita bercap-
kap tentang adaptasi,
kita senaraikan langkah
yang perlu dibuat. Te-
tapi semuanya jawapan
buku teks.

Sekarang kita ada
inisiatif baru, kita nak
analisis berdasarkan
data. Ini bermakna, impak dikira
menggunakan data dan angka.

Tahun ini kita sasaran untuk buat
satu model pemantauan dengan kena-
ikan paras laut. Apabila ada pemanas-
an satu darjah celsius, berapakah ke-
luasan tanah yang kita ada. Ini kerana
apabila ada kenaikan paras laut, ia akan
masuk lebih dan tanah kita akan ku-
rang. Apa akan jadi pada pulau-pulau
kita. Sebahagian daripadanya mungkin
akan tenggelam.

Sebab itu kita kena tahu analisa
risiko secara data supaya kita boleh
rancang infrastruktur sekarang.

Contohnya, kalau suhu berbeza ia
akan jejasakan pertanian. Jadi kita
rancang sekarang agar apabila 10 atau
20 tahun lagi apabila berlaku peman-
asan kita tidak terlewat," katanya.

- Masuk politik untuk bawa perubahan
Golongan wanita perlu jadi inspirasi
kejayaan
Dua aspek perubahan iklim perlu
dilihat iaitu mitigasi dan adaptasi
Kerajaan guna analisis berdasarkan
data untuk pantau perubahan iklim



Bee Yin ketika memberikan hujahnya
semasa menjadi tetamu pada program
Bicara Minda yang dikendalikan
moderator Tan Sri Johan Jaaffar.

LAMPIRAN 3 (SAMB.)
 SINAR HARIAN (BICARA MINDA): MUKA SURAT 15
 TARIKH: 5 MAC 2019 (SELASA)

MENTERI TENAGA, SAINS, TEKNOLOGI,
 PERUBAHAN IKLIM DAN ALAM SEKITAR

YEO BEE YIN bicara
 minda

Lebih 50 peratus sampah dikutip adalah plastik

DALAM pada itu, Bee Yin mendedahkan lebih 50 peratus sampah dikutip di negara ini adalah plastik.

Justeru menurutnya, penggunaan bahan lebih mesra alam amat digalakkan bagi menggantikan penggunaan plastik yang membebaskan gas karbon dioksida, yang menjadi punca pencemaran alam sekitar.

"Kerana apabila ada ramai yang melakukan pembersihan di pantai, daripada 100 peratus sampah dikutip, lebih 50 peratus adalah sampah plastik telah digunakan. Ini yang perlu kita kurangkan.

Penggunaan plastik akan menjadi masalah apabila ia dibuang merata seperti ke sungai dan mengalir ke laut. Jika penggunaan plastik dilupus secara baik oleh pengguna, ia tidak akan memberi impak kepada persekitaran.

"Saya juga mahu kempen 3R (kurangkan, pakai semula dan kitar semula) diteruskan bagi atasi masalah pencemaran plastik ini dengan mengguna bahan mesra alam yang dapat ganti bahan plastik," katanya.

Mengulas pula mengenai kesedaran masyarakat mengenai isu alam

- ▶ Lebih 50 peratus sampah adalah plastik
- ▶ Trend kesedaran semakin meningkat
- ▶ Penduduk luar bandar juga sedar jaga alam sekitar
- ▶ Sains dan teknologi boleh jana pendapatan rakyat
- ▶ Penyelidikan berteraskan pasaran



Dari kiri: Johan; Bee Yin; Timbalan Pengerusi Karangkraf, Datuk Muhammad Nasir Hamzah; Penasihat Eksekutif Editorial, Datuk Abd Jalil Ali dan Setiausaha Akhbar Menteri, Siti Nurbaiah Nadzmi.

sekitar. Bee Yin berkata, dia akui trend kesedaran semakin meningkat.

"Saya lihat ada trend peningkatan di mana orang ramai terutama generasi muda lebih prihatin isu alam sekitar dan perubahan iklim," katanya.

Orang kampung juga tahu jaga alam sekitar

Dalam pada itu, mengulas akan kesedaran antara penduduk bandar dengan luar, beliau menolak dakwaan

sesetengah pihak bahawa hanya yang tinggal di bandar sahaja mengambil tahu akan isu alam sekitar.

Menurutnya, penduduk kampung juga ada yang faham serta sedar akan kepentingan penjagaan alam sekitar demi kelangsungan hidup mereka.

"Buktinya, pengalaman saya pergi ke pedalaman Sabah untuk bekalkan tenaga dan elektrik di sebuah kampung yang tiada kemudahan elektrik, mereka punyai kesedaran alam yang sangat unik.

"Mereka mempunyai lagu sayangi alam sekitar yang digubah sendiri dan sungai mereka diletakkan dalam zon berbeza. Zon merah contohnya kawasan tidak boleh tangkap ikan, manakala zon kuning, kawasan boleh tangkap ikan.

"Ini berlaku di pedalaman Sabah. Sangat mengejutkan saya, kerana bagi

Saya juga mahu kempen 3R (kurangkan, pakai semula dan kitar semula) diteruskan bagi atasi masalah pencemaran plastik ini dengan mengguna bahan mesra alam yang dapat ganti bahan plastik." -Bee Yin

mereka apabila berlaku perubahan iklim seperti panas, pasti mereka orang pertama akan merasa impaknya," katanya.

Sains dan teknologi jana pendapatan

MENGULAS mengenai visi Kementerian itu terhadap sains dan teknologi, Bee Yin berkata, ia digunakan untuk menjadikan kehidupan rakyat lebih baik iaitu boleh digunakan dalam ekonomi supaya pendapatan rakyat meningkat.

"Saya bagi contoh, dua fokus utama sektor sains dan teknologi di Kementerian ini iaitu pengkomersialan teknologi. Gunakan teknologi yang ada ini, sebagai pemangkin usahawan kecil dan sederhana jana pendapatan.

"Kedua adalah penggunaan teknologi oleh usahawan dan syarikat sedia ada utk tingkat produktiviti

mereka atau menurunkan kos mereka, dengan ini mereka akan ada lebih pendapatan agar dapat beri banyak gaji.

"Saya dapati juga kita ada banyak penyelidik berbakat yang menghasilkan kajian yang baik tetapi akhirnya kajian sahaja atau sains jurnal tetapi tidak memberi duit," katanya.

Jadi katanya, Malaysia akan gunakan penyelidikan ini supaya mereka membuat penyelidikan yang teraskan pasaran dan memenuhi keperluan industri supaya teknologi dapat memajukan ekonomi negara.



LAMPIRAN 4
 UTUSAN MALAYSIA (UTUSAN KOTA): MUKA SURAT 47
 TARIKH: 5 MAC 2019 (SELASA)



REMAJA menyejukkan badan daripada cuaca panas yang melanda negara di Sungai Kemensah, Selangor, baru-baru ini. - UTUSAN/AZLAN HADI ABU BAKAR

Cuaca panas fenomena biasa

KUALA LUMPUR 4 Mac - Orang ramai diminta tidak terlalu bimbang dengan cuaca panas dan kering yang berlaku ketika ini kerana ia merupakan fenomena biasa yang berlaku setiap tahun.

Timbalan Ketua Pengarah (Operasi) Jabatan Meteorologi Malaysia (MET), Jailan Simon berkata, cuaca panas yang dialami antara Februari hingga pertengahan April merupakan penghujung monsun timur laut yang menyebabkan kadar hujan yang rendah.

Katanya, bagaimanapun orang ramai harus sentiasa berwaspada dengan mengamalkan minum air yang banyak serta mengurangkan aktiviti luar bagi mengelak terdedah kepada strok haba serta masalah kesihatan yang lain.

"Pada masa ini lumrahnya memang panas. Matahari pun menghampiri khatulistiwa, kita memang alami situasi ini setiap tahun tapi jangan bimbang sangat sebab kita tak jangka cuaca panas yang ekstrem akan berlaku.

"Cuaca panas dijangka

berkurangan menjelang hujung April nanti. Sebab kita jangka musim peralihan monsun akan masuk hujung Mac dan cuaca panas akan berkurangan menjelang hujung April," katanya dalam program terbitan Bernama News Channel (BNC) di

sini.

Jailan berkata, walaupun suhu panas dianggarkan meningkat 0.5 hingga 1 darjah celsius berbanding keadaan biasa namun ia masih dianggap normal dan tidak sehingga mencapai suhu ekstrem seperti kejadian El Nino pada 2016.

Katanya, fenomena El Nino yang dijangka berlaku pada Mei nanti agak lemah dan tidak memberi impak yang signifikan kepada cuaca di negara ketika ini.

Jabatan itu sentiasa memantau suhu semasa setiap hari dan berkongsi maklumat dengan Agensi Pengurusan Bencana dan agensi lain seperti Jabatan Kesihatan dan Pendidikan untuk tindakan sewajarnya.

Tambah beliau, perkara yang menjadi kebimbangan ketika cuaca panas adalah paras air di empangan merosot disebabkan taburan hujan berkurangan seperti yang berlaku di Johor dan Sabah ketika ini dan seterusnya berkemungkinan menghadapi krisis air. - BERNAMA

LAMPIRAN 5
KOSMO (DALAM NEGARA): MUKA SURAT 14
TARIKH: 5 MAC 2019 (SELASA)

Mysa, agensi baru kumpul maklumat satelit

Oleh RASDAN AHMAD

KUALA LUMPUR - Kerajaan memutuskan untuk menggabungkan Agensi Angkasa Negara (Angkasa) dan Agensi Remote Sensing Malaysia (ARSM) menjadi satu agensi baharu dikenali sebagai Agensi Angkasa Malaysia (Mysa) bagi meningkatkan kecekapan kerja dengan mengoptimimum penggunaan sumber dan kemudahan sedia ada.

Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, Mysa akan memberi tumpuan kepada pembangunan teknologi, infrastruktur dan aplikasi ruang strategik bagi membantu menjana hasil yang ketara kepada negara.

"Mysa akan ditugaskan untuk mengumpul data satelit serta sistem maklumat komprehensif untuk membantu agensi-agensi awam yang lain dengan berkesan dari segi keselamatan makanan, sumber alam, pengurusan perseki-



BEE YIN mendengar penerangan Ketua ARSM, Azlikamil Napiah (kanan) mengenai pesawat udara tanpa pemandu ketika lawatan kerja ke agensi berkenaan di Jalan Tun Ismail, Kuala Lumpur semalam.

taran dan perubahan iklim, pengurusan bencana serta keselamatan.

"Sebagai contoh, dalam bidang pertanian, Mysa boleh memantau kemajuan kerja dalam mana-mana industri pertanian dengan menggunakan kemudahan dan teknologi satelit sedia ada tanpa memerlukan pegawai turun ke bawah dan memantau keadaan.

"Begitu juga dalam sektor

perikanan. Nelayan boleh mencari sumber dengan menggunakan data satelit untuk mencari kawasan yang mempunyai banyak ikan. Inisiatif ini akan membantu sektor berkenaan menjana lebih banyak pendapatan," katanya.

Beliau berkata demikian pada sidang akhbar selepas mengadakan lawatan kerja ke ARSM dekat sini semalam.

Mengulas lanjut, Bee Yin berkata, penggabungan itu juga akan membantu kerajaan mengurangkan kos operasi sekurang-kurangnya 50 peratus dan dalam masa yang sama, membantu meningkatkan kecekapan kerja dalam sektor tersebut.

Dalam perkembangan lain, mengulas berkenaan projek satelit negara kedua, Razak Sat-2, Bee Yin berkata, projek tersebut berkemungkinan tidak akan diteruskan buat masa ini kerana tiada peruntukan secara terus daripada pihak kerajaan.

"Projek satelit itu difahamkan menelan belanja sebanyak RM350 juta, kerajaan tidak beri peruntukan secara terus untuk membangunkan projek tersebut buat masa ini.

"Oleh itu, Kementerian sedang mengkaji perkara yang lebih penting berbanding projek satelit tersebut untuk diteruskan atau dibangunkan. Dalam masa terdekat ini saya boleh katakan Razak Sat-2 tidak akan diteruskan," jelasnya.



LAMPIRAN 6
UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 45
TARIKH: 5 MAC 2019 (SELASA)

Hadapi masalah jerebu teruk jika berlaku pembakaran terbuka

BATU KAWAN 4 Mac - Jabatan Bomba dan Penyelamat (JPBM) tidak menolak kemungkinan negara bakal berdepan situasi jerebu teruk seperti tahun 1997 dan 2015 jika orang ramai terus melakukan pembakaran secara terbuka.

Ketua Pengarahnya, Datuk Mohammad Hamdan Wahid berkata, dalam keadaan cuaca panas melampau yang dialami kawasan Semenanjung pada masa ini aktiviti pembakaran secara terbuka perlu dielakkan. "Sekarang ini ada titik panas

dikesan di kawasan Riau dan Jambi di Indonesia, jika angin bertiup ke arah kita (Malaysia), kita yang akan import asapnya.

"Jika pembakaran terbuka berlaku secara tidak terkawal, titik panas di dalam negara banyak bercampur pula dengan titik panas di Sumatera keadaan jerebu teruk yang terjadi pada 1997 dan 2015 boleh berlaku kembali," katanya



**MOHAMMAD
HAMDAN WAHID**

seperti

dalam sidang akhbar selepas menghadiri majlis penganugerahan Pingat Kebesaran Jabatan dan Anugerah Perkhidmatan Cemerlang 2018 di sini hari ini.

Hadir sama, Pengarah Jabatan Bomba dan Penyelamat Pulau Pinang, Saadon Moktar.

Menurut Mohammad Hamdan, pada Februari tahun ini, pihak bomba merekodkan sebanyak

3,054 kes kebakaran terbuka dan jumlah tersebut meningkat hampir sekali ganda berbanding bulan Januari iaitu 1,936.

"Kita terima banyak panggilan kecemasan melibatkan kebakaran hutan dan berlaku peningkatan mendadak dalam kes kebakaran terbuka pada Februari tahun ini.

"Situasi ini dijangka berterusan sehingga April tahun ini dan anggota JBPM telah diarahkan untuk bersiap sedia dengan semua pusat operasi digerakkan," katanya.

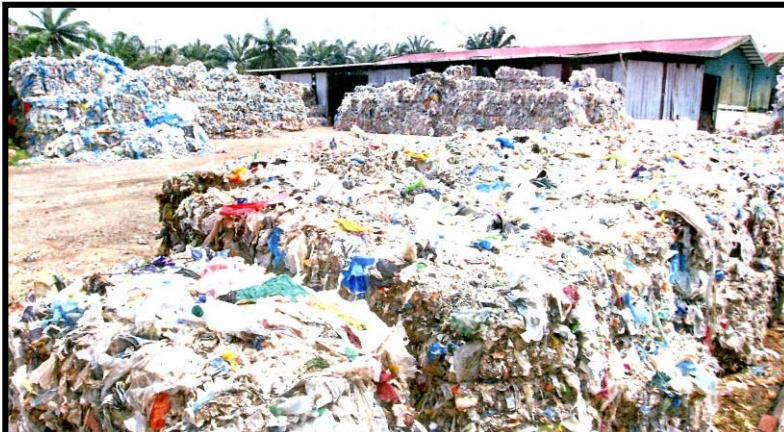
Dalam pada itu, beliau juga menasihatkan pembakaran jerami padi khususnya di Kedah dan Perlis dihentikan pada musim panas ini.

"Kita sarankan agar petani menghentikan pembakaran jerami pada masa ini, musim panas kali ini berbeza pada tahun sebelumnya kerana suhu panas yang dialami agak tinggi.

"Pembakaran jerami hanya boleh dilakukan jika dibenarkan oleh Jabatan Alam Sekitar dan dilakukan bawah pemantauan," katanya.



LAMPIRAN 7 THE STAR (NEWS): MUKA SURAT 2 TARIKH: 5 MAC 2019 (SELASA)



An illegal plastic recycling factory and waste dumping site at Sungai Rambai, Jenjarom, Selangor. — Photos: Filepic

By MEI MEI CHU
meimeichu@thestar.com.my

ILLEGAL plastic recycling factories that have been shut down are known to restart operations again or move to a different location. Kuala Langkat Environmental Action Association secretary Pua Lay Peng said it will be tough to eradicate all such illegal factories nationwide by July.

"It is double though if the local councils can strictly monitor and prevent them from secretly restarting their operations."

"These plastic recycling factories won't stop operating so easily as there are still a lot of raw materials for them to work with," Pua said, adding that the raw materials are cheap to import.

It was reported that the authorities aim to shut down all illegal plastic waste recycling factories nationwide by July after surpassing its target to close at least 100 such premises before the first quarter of the year.

According to data released by the Energy, Science, Technology, Environment and Climate Change Ministry (Mestec), two in every five plastic recycling factories in Malaysia are found to be operating illegally.

Mestec said 109 out of 274 plastic recycling factories that were raided are unlicensed operations.

To date, the government has shut down 140 factories, including licensed factories found to be flouting the Environmental Quality Act 1974.

Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said there was a pressing need to shut down illegal premises following the influx of plastic waste brought into the country since the middle of 2017.

'Firm action needed on plastic waste'

NGO: Local councils must monitor illegal factories to prevent them from resuming operations



Plastic waste at an illegal factory in Telok Gong, Port Klang.

While stakeholders lauded the firm stance of Yeo, they also said the solution to the nation's plastic waste crisis is not that simple.

Sources told *StarMetro* that the illegal plastic waste factories,

mostly concentrated in Selangor, are moving to other states including Kuantan (Pahang), Pasir Gudang (Johor), Chemor (Perak), and Lukut (Negri Sembilan).

Mestec's data shows that so far,

Selangor is the hotspot with the highest number of premises shut down with 78, followed by Perak (16), Kedah (15), Negri Sembilan (12) and Penang (10).

There are no illegal plastic recycling premises in Melaka, Perlis, Kuala Lumpur, Pahang, Terengganu, Sarawak and Labuan.

"It's a complex problem," said Greenpeace public and engagement campaigner Heng Kiah Chui. Another concern, he said, is the safe removal of unrecyclable plastic waste left by illegal factories that have been shut down or those that escaped detection by the authorities.

"We welcome the efforts by the government but at the same time, we still find open burning of plastic waste in the Jenjarom and Klang area," he said.

Heng added that the government must also look into rehabilitating areas that have been plagued by illegal factories including providing healthcare support for victims who fall ill from the toxic discharge in the air, water, and ground.

As many as 750,000 metric tonnes of plastic waste were reportedly brought into the country before the government froze their import.

No shortcut to running plastic waste recycling business

A FOUNDER of a plastic waste recycling company in Penang has cautioned those thinking of starting a similar business.

"Forget it. It's a tough business, especially with new policies constantly being introduced. This is in addition to the ongoing heavy enforcement."

"Who knows if it is sustainable tomorrow due to the pressure and

changes," advised Uda Materials Sdn Bhd director Tan Yeow Chuan who started his plastic waste recycling company in 2015.

Tan said although his business was considered "simple" as it only involved the importation of clean plastic sheet leftovers from Japan, Europe and United States to be melted and turned into plastic resin, the cost of running the

business was high.

"I import between 200 and 500 tonnes of the sheets monthly. But the exhaust system costs RM70,000 to fix and there are many other certifications that we need to obtain from various government agencies."

"There is no shortcut in this business," he said.

Meanwhile, Penang Environment Committee chairman Phee Boon

Poh said many plastic recycling companies have closed.

"We are controlling at point of entry and capacity allocation."

"Because of that, many illegal operators have stopped their operations or scaled down."

"We only allow pre-consumer waste to be processed, not municipal waste," he said.

— By LO TERN CHEN

LAMPIRAN 8
NEW STRAITS TIMES (NEWS/NATION): MUKA SURAT 66
TARIKH: 5 MAC 2019 (SELASA)

RAMPANT IRON ORE MINING

FELDA FOLK LAMENT RIVER POLLUTION

Effluents in Sg Aring and Sg Lebir in Kelantan have left them without drinking water

ROSLI ZAKARIA AND SHARIFAH MAHSINAH ABDULLAH
GUA MUSANG
cnews@nst.com.my

LESS than a week after the New Straits Times published reports that Tasik Chini, the second largest freshwater lake in Malaysia, was at risk of destruction due to rampant iron ore mining, two rivers here also face a similar problem.

An iron ore mine, located 25km from the main road in Felda Aring 5, has been dumping its effluents into Sungai Aring, which was once famous for the Malayan mahseer (ikan kelah), since it began operations five years ago.

Villagers here claimed that the river had become so polluted that it could not be used by those who depended on its water for daily use. They now have to depend on wells, which were drying up due to the drought.

Sungai Aring flows 80km from upstream, but turns murky mid-way due to the mining activity as it joins at a confluence with Sungai Lebir, which is affected by the murky water flowing downstream.

Former Felda Aring settler head Abdul Rashid Teh, 68, believed that the mine started its operations five years ago and dumped its effluents into the river.

"The water is thick and slushy like teh tarik. It is shallow due



A bird's-eye view of Sungai Aring in Gua Musang on Sunday. PIC BY FATHIL ASRI

to sedimentation.

"This problem is affecting not just one river, but two rivers (Sungai Aring and Sungai Lebir). The pollution problem will worsen if the mining continues."

He said villagers along Sungai Aring and Sungai Lebir depended on the rivers for water supply, as well as for bathing and washing clothes.

"We can't drink the water as it looks like teh tarik.

"We used to channel clear water (from the rivers) via pipes to our homes, but we had to stop it as the water had become murky."

He said his family was afraid of drinking it as it might contain chemicals discharged by the mine.

Another villager, Wan Zainab Wan Setapa, 55, said before this, Sungai Aring was famous for its

big ikan kelah, but it had since gone extinct.

"Villagers used to fish for ikan kelah in the river. They cannot fish there anymore due to habitat loss caused by the pollution. Many are unhappy with this."

"I was told that the operator had a permit to mine there. What upsets us is the (irresponsible) way the operator dumps the mine's effluents into the river," said the mother of five.

Wan Zainab claimed the lorries carrying iron ore damaged the roads in Felda Aring 1, 2 and 5.

She said villagers had lodged complaints with the authorities, but no action was taken.

In Terengganu, Yusman Heri Mansur, 47, of Kampung Seri Kenangan in Setiu said lorries from the mine were responsible for damaging the road leading to

Tasik Kenyir.

He added that they were also the cause of several accidents.

He said some lorries lost control as it travelled downhill from Pengkalan Gawi and spilled its load of iron ore on the road.

"The lorries' heavy load of nearly 100 tonnes have damaged the road."

"The Road Transport Department had conducted inspections on the vehicles, but as soon as they left, the lorries were at it again."

"I had lost count of how many times the roads were repaired."

"These cost the government money," said Yusman Heri, who travels frequently to Tasik Kenyir.

The NST team observed that tributaries of Sungai Aring in Felda Aring 4 and Felda Aring 6

showed that it had been affected by the mine's effluents as the water flowing to the shallow river had turned into the colours of teh tarik, with some iron ore waste spotted along the riverbanks.

The roads connecting Felda settlements here, which are used daily by nearly 1,000 settlers and their families, were badly damaged.

Sources said apart from the mining activity, other forestry activities were also polluting the rivers.

They said these forced animals to migrate and scavenge for food in orchards owned by villagers.

"Elephants have been spotted entering villages looking for food in orchards."

"This can be expected as their habitat is disturbed," said sources from a state enforcement agency.

Kelantan DoE to probe polluted river claims

KOTA BARU: The Kelantan Department of Environment will send a team to investigate Sungai Aring, which is believed to have been polluted due to mining activity.

Its director, Hamzah Mohamad, said he had directed the department's team in Gua Musang to conduct checks

on the river.

"Our enforcement officers have been conducting their routine checks in the area and other places to ensure all quarters adhere to the environmental regulations."

"I thank the New Straits Times for informing us about the issue."

"We will investigate the case

and disclose our findings soon," he told the NST yesterday.

Meanwhile, Kelantan Drainage and Irrigation Department director Kamal Mustapha said the river was under the department's observation.

"We have discussed the issue in a meeting to study the cause of the pollution."

"If it is caused by the mining activity, we will find the best way to solve it," he told the NST.

The two directors were commenting on the NST's report that Sungai Aring in Felda Aring, Gua Musang, might vanish if no action was taken to prevent it from becoming shallow and polluted due to nearby mining activity.



Hamzah Mohamad

LAMPIRAN 9
UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 5
TARIKH: 5 MAC 2019 (SELASA)



Lynas Malaysia Sdn Bhd. (752289-D)
 PT 17212, Jalan Gebeng 3,
 Kawasan Perindustrian Gebeng
 26080 Kuantan, Pahang
 Tel: 09-582 5200 Fax: 09-5825293

LAPORAN EIA
PEMBERITAHUAN PERTAMA

LAPORAN PENILAIAN KESAN KEPADA ALAM SEKELILING (EIA)
PROPOSED ONSITE SECURE LANDFILL (PRESCRIBED PREMISE) FOR THE
STORAGE OF NEUTRALISATION UNDERFLOW (NUF) SOLIDS AT THE EXISTING
LYNAS ADVANCE MATERIALS PLANT (LAMP) SITE, LOT PT 17212, GEBENG
INDUSTRIAL ESTATE (GIE), PAHANG, MALAYSIA*

Dimaklumkan bahawa Jabatan Alam Sekitar (JAS) Malaysia sedang mengkaji Laporan EIA (Jadual Kedua) untuk projek tersebut di atas. Orang ramai adalah dialu-alukan untuk memberi ulasan bertulis ke atas Laporan EIA berkenaan yang boleh didapati dan dirujuk di tempat-tempat seperti berikut :

- | | |
|---|--|
| 1. Jabatan Alam Sekitar Putrajaya
Level 1-4, Podium 2 & 3, Wisma Sumber Asli,
No 25, Persiaran Perdana, Precint 4
Pusat Pentadbiran Kerajaan Persekutuan,
62574 PUTRAJAYA, MALAYSIA | 2. Jabatan Alam Sekitar Pahang
(Ibu pejabat Kuantan)
Aras 1, Kompleks Mahkamah
Kuantan Bandar Indera Mahkota
25200 KUANTAN, PAHANG |
| 3. Jabatan Alam Sekitar (Cawangan Gebeng)
Tingkat 1,
Bangunan Kontena Nasional,
Jalan Gebeng 2/3, Kawasan Perindustrian Gebeng,
26080 KUANTAN, PAHANG | 4. Majlis Perbandaran Kuantan
Jalan Tanah Putih,
25100 KUANTAN, PAHANG |
| 5. Balai Polis
Ibu pejabat Polis Daerah Kuantan
Polis Diraja Malaysia
Jalan Mahkota
25000 KUANTAN, PAHANG | 6. Pejabat Penghulu
Pejabat Penghulu Mukim Sg Karang
Bandar Baru Balok
26100, KUANTAN, PAHANG |
| 7. Pejabat Daerah Kuantan
Bangunan Pejabat dan Tanah Kuantan,
Bandar Indera Mahkota
25990 KUANTAN, PAHANG | 8. Pejabat AELB (Kemaman)
Cawangan Zon Timur
PT 6980, Bukit Kuang Business Centre
24000, KEMAMAN, TERENGGANU |
| 9. Perpustakaan Kuantan
Perbadanan Perpustakaan Awam
Pahang
Jalan Kemunting,
25100 KUANTAN, PAHANG | 10. Balai Polis Beserah
26100 KUANTAN, PAHANG |

Orang ramai boleh menyemak laporan tersebut bermula daripada 6hb Mac 2019 hingga 4 hb April 2019, dan mengemukakan ulasan bertulis kepada Jabatan Alam Sekitar sebelum atau pada 19hb April 2019. Ulasan bertulis tersebut hendaklah dikemukakan kepada:

Ketua Pengarah
 Jabatan Alam Sekitar,
 Kementerian Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim
 Aras 2, Podium 3, Wisma Sumber Asli No.
 25, Persiaran Perdana, Presint 4
 62574 PUTRAJAYA
 (u.p: Bahagian Penilaian — Urusetia Laporan EIA) Tel:
 03-8871 2000 Faks: 03-8889 1045

Orang ramai juga boleh memperolehi satu set laporan ini pada harga RM5,000.00 (Ringgit Malaysia Lima Ribu Sahaja) di AGV Environment Sdn. Bhd., 100-6-035, Block J, Jaya One, 72A Jalan Universiti, Petaling Jaya, 46200 Selangor (Tel: 03-7931 1455)

Orang ramai juga boleh melayari laman web Jabatan Alam Sekitar di alamat www.enviro.doe.gov.my untuk merujuk Ringkasan Eksekutif dan Laporan EIA.

LAMPIRAN 10
 THE STAR (VIEWS): MUKA SURAT 17
 TARIKH: 5 MAC 2019 (SELASA)

'E' in STEM should be English

THERE is a revived interest in STEM (Science, Technology, Engineering and Maths) after our Education Minister recently mooted the idea of STREAM as a modification to customise to Malaysia's current need.

Before we get lost along the road of the STEM and STREAM (Science, Technology, Reading, Engineering, Arts and Maths) issues, let us return to the origins of STEM education. This started in 2001 as a new movement in education in America to address a specific weakness in the American education system, specifically to counter "the decline in the number of college students choosing majors in science or technology or related fields..." because "The United States need to be more competitive and build new standards for our students."

It is to be noted that "STEM education is ... to help teachers and their students understand how the academic disciplines of Science, Technology, Engineering practices and Mathematics impact their world and prepare them for the workforce of tomorrow. STEM is multi-discipline based, incorporating the integration of other disciplinary knowledge into a new whole. Technology helps us communicate; Math is the language; Science and Engineering are the processes for thinking; all this leads to Innovation."

Furthermore, "STEM education

“ The emphasis on this language is because of the acknowledged decline in proficiency in English among young Malaysians and that English is the language for science. ”

is more than just presentation and dissemination of information and cultivation of techniques. It is a process for teaching and learning that offers students opportunities to make sense of the world and take charge of their learning, rather than learning isolated bits and pieces of content.

In the STEM environment, there is less emphasis on activities that demonstrate science content and a greater focus on those activities that allow students to engage in real world problems and experiences through project-based, experiential learning activities that lead to higher level thinking. Learning in a STEM environment compels students to understand issues, distil problems, and comprehend processes that lead to innovative solutions.

And "STEM education attempts to transform the typical teacher-centred classroom by encouraging a curriculum that is driven by problem-solving, discovery, exploratory learning, and require students to actively engage in a situation in order to find its solution."

The above quotes from materials in the public domain are critical and must always be kept within sight.

In the earlier interest on the subject, I am not aware of any attempt to adopt and adapt this borrowed concept into the specific requirement for Malaysia. It is interesting to note that the Engineering content is about the processes of thinking, rather than engineering as such. For me, science and the scientific method can take care of that, meaning the strategic, systematic and logical approach to understanding a problem and figuring out the solution to that problem. So for Malaysia, the "E" should be English.

The emphasis on this language is because of the acknowledged decline in proficiency in English among young Malaysians and the fact that English is the universal language for science; a key instrument for global communication, cooperation and collaboration in any area of human endeavour, and an enabler for being future aware and future ready.

If some quarters insist on "E" being engineering, then why not

"E squared" (Engineering and English)?

This was an early suggestion at incorporating Malaysian concern into STEM education. Another suggestion at customisation was STEAM, incorporating Arts, which was mooted by an eminent Malaysian educationist. But as far as I am aware, it did not go anywhere.

STREAM is now being floated to address real issues faced by our nation and the weakness in our education system. And there is reason to believe that this time around, concrete action would be taken.

But one major concern remains. Call it STEM, STEEM, STEAM or STREAM, it will not give us the desired result if it is not accompanied by a complete overhaul of the teaching methods in our schools, retraining of our teachers and reorganising our school administration to embrace the requirements of STEM education as articulated in the quotes.

Let us hope that in dealing with this issue now, we will grab the bull by the horn, and that those given the task will take the holistic approach; the content and the capacity to deliver, meaning the method of delivery and the teachers trained to deliver.

TAN SRI OMAR ABDUL RAHMAN
 Senior Fellow
 Academy of Sciences Malaysia

LAMPIRAN 11
BERITA HARIAN (SURAT PEMBACA): MUKA SURAT 70
TARIKH: 5 MAC 2019 (SELASA)

EMBACA

ADUAN PEMBACA

Pembaca yang ingin berkongsi pandangan dan membuat aduan boleh e-mel ke bhforum@bh.com.my

Usah pilih kasih bangkit isu alam sekitar

Baru-baru ini kumpulan pertubuhan bukan kerajaan (NGO) menuduh Johor lembab menangani isu alam sekitar.

Mereka mendakwa isu Pulau Kukup dan pembangunan di Sungai Pulai sebagai indikasi kerajaan negeri tidak mementingkan alam sekitar dan sanggup merobek khazanah alam demi pembangunan.

Namun, lupakah golongan ini isu di negeri lain yang sehingga kini mereka masih berdiam diri?

Contohnya Kilang Lynas dan perlombongan bauksit di Pahang, projek tambak laut untuk membina 'Marina Bay' Malaysia di Pulau Pinang, pembersihan hutan di Perak untuk perladangan, pembalakan tidak terancang di Kelantan, pembinaan lebuh raya di Selangor merentasi hutan simpan serta pembinaan kondominium di kawasan diwartakan seperti di Taman Rimba Kiara di Kuala Lumpur.

Di mana suara mereka atau kenyataan bersama NGO dalam isu ini?

Sebagai anak Johor, saya pelik pendekatan 'pilih kasih' NGO ini. Adakah ini bermakna mereka digunakan pihak tertentu?

Bukan semua pembangunan patut dijalankan tanpa mengira kedudukan alam sekitar. Saya juga berpendapat keseimbangan harus menjadi keutamaan dan pembangunan perlu mengambil kira kelestarian

alam sekitar.

Contohnya, tidak salah sebahagian kawasan Sungai Pulai dibangunkan jika memenuhi proses ditetapkan seperti kelulusan laporan penilaian impak alam sekitar.

Impak pembangunan

Laporan ini sepatutnya sudah cukup sebagai kayu pengukur kepada impak pembangunan terhadap alam sekitar. Jika ketetapan sudah dipenuhi, kenapa perlu menidakkan potensi kawasan dan limpahan kemajuan yang bakal dirasai, seperti peluang pekerjaan dan pening-

katan pendapatan pelancongan.

Begitu juga isu Pulau Kukup apabila kerajaan negeri dilempar pelbagai tohmahan, walhal penukaran status kepada tanah sultan dibuat atas dasar memastikan kawasan itu kekal terpelihara.

Kejayaan aktiviti pemeliharaan dan pemuliharaan di taman lain di bawah kelolaan Sultan seperti Taman Laut Sultan Iskandar wajar dipertimbangkan, demi menjaga kepentingan Pulau Kukup.

Sultan Johor sendiri mempertahankan bahawa Pulau Ku-

kup akan kekal sebagai taman negara. Dasar ini sudah lama diguna pakai di United Kingdom di mana taman awam menjadi hak milik Raja.

Saya menyeru NGO bersikap lebih adil dan tidak terlalu taksub menentang agenda kerajaan negeri untuk memajukan Johor.

Bantahan tanpa mengira manfaat dan kelangsungan agenda untuk memajukan negeri hanya merugikan rakyat Johor kelak.

Fadhli Abd Rahman,
Johor



Antara projek bagi menaik taraf kemudahan di Taman Negara Johor Pulau Kukup, Pontian.

LAMPIRAN 12 THE STAR (EVENTS): MUKA SURAT 6 TARIKH: 5 MAC 2019 (SELASA)



(From left) Petaling Jaya Solid Waste Management and Public Cleansing Department director Lee Lih Shyan, Petaling Jaya councillor Ahmad Akhbar Pawan Chik, Petaling Jaya deputy mayor Johary Annuar, Mohd Azizi, Tan, Tetra Pak (M) Sdn Bhd marketing manager Sharon Ong and Shan Poornam Sdn Bhd Business Development director (Telecommunications) Alex Kuik.

Imparting lessons on recycling

MBPJ collaborates with company for competition targeted at kindies and schools

By SHEILA SRI PRIYA
sheilasriprya@thestar.com.my

MANY people are unaware that polystyrene can be recycled.

As such, a school recycling competition is accepting polystyrene in addition to other recyclables such as aluminium cans, boxes, newspaper, plastic containers and electronic items.

The initiative is organised by

Fraser & Neave Holdings Bhd (F&N) and Petaling Jaya City Council (MBPJ) with the support of Tetra Pak (M) Sdn Bhd

The recycling competition, which ends on Aug 30, is open to kindergartens as well as primary and secondary schools.

Petaling Jaya mayor Datuk Mohd Azizi Mohd Zain said F&N allocated RM22,560 for the competition and RM1,200 in prize money for the

polystyrene category.

"Polystyrene can be recycled and turned into items such as picture frames," he said at the launch in MBPJ headquarters.

F&N communications and corporate affairs head Karen Tan said last year, the campaign managed to collect 27,000kg of recyclables.

Mohd Azizi said schools were targeted not because students produce a lot of waste but to educate

children on the importance of recycling.

"Each day in Petaling Jaya, the city council collects about 600 tonnes of waste and transports it to the landfill.

"We hope by the end of the year, we can reach the 30% recycling rate in the city.

"At the moment we spend 20% of our RM400mil budget on waste management.

"If we can recycle more, we can reduce the cost involved in sending rubbish to the landfill," said Mohd Azizi.

Tan said F&N would partner with MBPJ and decorate two walls with murals at the PJ Eco Recycling Plaza in SS8, Petaling Jaya.

For details on the recycling competition, call 03-7954 1440 or visit www.mbpj.gov.my

LAMPIRAN 13
THE STAR (EVENTS): MUKA SURAT 13
TARIKH: 5 MAC 2019 (SELASA)

MPAJ drives home benefits of recycling

Talk on 3R programmes tells residents how the habit can bring in extra income



Jagedeswari encouraging residents associations and individuals to register for the Recycle for Life programme. — Photos: NUR ATHIRAH FARHANA/The Star

By ZAWIN SAKDON
metro@thestar.com.my

EVERY Malaysian should practise reduce, reuse and recycle (3R) to help save the planet. This is the main takeaway from the talk on recycling organised by the Ampang Jaya Municipal Council (MPAJ) at its headquarters in Pandan Indah.

Held for the third time, the talk brought together three experts who shared with representatives of joint management bodies, management committees and residents associations as well as neighbourhood watch bodies from all over Ampang on the importance of recycling.

Global Environment Centre senior programme officer Jagedeswari Marriappan shared that recycling could also be a way to make extra income.

She said Recycle for Life is a programme by Cenviro that offers rewards to registered individuals or associations through a smart card.

"Residents need to organise the recyclables, according to groups, which will be collected by our vendors.

"We will then debit the money into their smart card account according to the weight of the recyclables," Jagedeswari said, adding that the smart card could be used to buy groceries at selected stores.

Pembinaan Sri Gunung operations manager Zainal Abidin Elias encouraged all to send used cooking oil for recycling.

"Instead of pouring used cooking oil into the sink and pollute the drains, you can recycle the oil into biodiesel, make candles, detergent or animal feed.

"Cooking oil cannot be used more than three times. The oil becomes acidic and can cause cancer as well as Alzheimer's disease to users," he added.

He said used cooking oil could be sold at RM1 per kg.

Composting is another way to reduce, reuse and recycle kitchen scraps, and earn a few bucks in return.

Biosense Sdn Bhd chief executive officer Dr Rokiah Hassan said food waste could be turned into fertiliser.

"Malaysians dispose of about 3,000 metric tonnes of food daily, and the amount continues to increase especially during festive seasons," she said, urging participants to compost their food waste.

"People must follow the steps accordingly to achieve good results and to prevent stench during the process," Dr Rokiah said.

Schools are also encouraged to have their own compost programme.

"SMK Taman Kosas has made good money through composting, and the sum is used to fund school activities," she added.



Participants looking at products made from recycled materials on the sidelines of the talk.

LAMPIRAN 14
 NEW STRAITS TIMES (LETTERS): MUKA SURAT 16
 TARIKH: 5 MAC 2019 (SELASA)

TECHNOLOGY IN CLASSROOMS

MAKE IoT PART OF EDUCATION POLICY

THE government is committed to its vision to provide world-class education and ensure that it adheres to the highest standards, especially after the formation of the new government after the 14th General Election.

According to Education Minister Dr Maszlee Malik, some modifications will be made as the main area of focus of his ministry is the adoption of technology-based learning.

He explained that the new learning experience, focused on play-based learning with the aid of technology and less reliance on textbooks, would benefit students as it promoted active engagement on their part to enjoy the learning process.

Teachers will also benefit as it will help them conduct the classes efficiently and promotes two-way interaction. It could also decrease their workload due to less administrative duties.

The implementation of the second wave of the Malaysian Education Quality Standard (SKPMg2), an online self-assessment tool of documentation to ensure systematic management, which aims to improve schools by identifying their strengths and weaknesses during the previous government, had received several complaints from teachers.

Most of them claimed the audit process and data input verification had been an extra burden as it involved an excessive amount of paperwork, which reduced teachers' face-to-face interaction with students.

As a result, the Education Ministry dropped the system so that teachers could focus on delivering quality education to students.

The suspension of SKPMg2 since June last year was welcomed by teachers and the National Union of the Teaching Profession secretary-general Harry Tan, who lauded it as the first step towards the removal of unnecessary paperwork.

The existing technology such as Internet networking, and the emerging Internet-of-Things (IoT), can be synergised to improve the way teachers conduct classes and the way students consume the lessons.

It is believed that the future of



Besides encouraging students to actively engage in an interactive learning environment, Internet of Things can help teachers assess students' achievements. FILE PIC

the education system relies on the idea of enhancing the educational platform by the adoption of technology using IoT, which is featured in adaptive e-learning.

The classroom will be equipped with IoT infrastructure, which comprise sensors, monitors and data acquisition systems, which help teachers collect information on the classroom, such as keeping track of students' performance.

With the same technology, using wireless robotic modules during the learning process could encourage students' interest towards core subjects of the future, which are Science, Technology, Engineering and Mathematics.

By implementing big data and cloud processing features in this IoT infrastructure, it will allow teachers and the ministry to collect information from classroom activities in real time and record students' performance at once.

The technology is now available for us to embrace. Technology gi-

ants, like Microsoft, has launched "Windows 10 IoT", which allow users to connect dozens of electronic devices, which could be controlled and managed according to the way they desire.

One school in China, Beijing Middle School, has been using the IoT infrastructure and claimed it raised students' engagement in the learning process and helped teachers organise learning materials in a better approach.

The system, which generally connects 50 digital whiteboards to all-in-one television sets in classrooms, as well as 150 teachers, has increased the start-up time of the classroom's electronic devices to initiate teaching.

As a result, it helped start the class on time and save on the school maintenance and equipment costs. Besides encouraging students' active engagement in an interactive learning environment, the IoT-assisted educational tool has helped teachers assess students' achievements.

The general practice in most schools is that students will be given assessments manually and they will be picked by teachers to be manually evaluated before the result is recorded in the online system.

When a teacher conducts the same subject for many classes, the work multiplies and this excessive workpile cannot be finished in the office and has to be brought home.

Moreover, when a teacher has to teach more than one subject for a number of classes, the pressure will be unbearable and eventually affect the teaching quality.

Therefore, a solution based on IoT seems to have positive outcomes to address this issue since its use is proven to be effective in Beijing Middle School.

The education minister said volunteers and pensioned teachers would be absorbed in school as teaching assistants to help teachers with administration work.

This measure is seen as one of

the solutions to reduce teachers' workload, to improve the quality of education and allow technical experts and educators to develop a stable IoT-based education platform.

When the platform is ready to be used, teachers and students can experience the difference in the learning process as it is expected to bring more positive effects since it is capable of raising student engagement in the classroom.

Future collaboration with experts from abroad is necessary before the implementation of the IoT-based education system.

A pilot programme using this technology in selected local schools is recommended.

IoT benefits the students if the country would consider it to be part of our future education policy.

NURUL EZDIANI FUDHLANA SHAHRI

Kolej Komuniti Jasin, Melaka

LAMPIRAN 15
HARIAN METRO (SETEMPAT): MUKA SURAT 23
TARIKH: 5 MAC 2019 (SELASA)

Tanah merekah dahaga air



DUA kanak-kanak berdiri di atas tanah sawah padi yang kering dan merekah di Kampung Sangkir, Kota Belud berikutan fenomena cuaca panas dan kekurangan hujan yang melanda negara ini

Suzianah Jiffar
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Kota Belud

Hampir sebulan tidak hujan, penduduk Kampung Puhus di sini yang bergantung sepenuhnya kepada air graviti, semakin bimbang susulan kawasan tadahan untuk kegunaan harian mereka nyaris kering.

Pengurus Majlis Pengurusan Komuniti Kampung (MPKK) Kampung Puhus, Saitem Gada berkata, cuaca kering berpanjangan itu menyebabkan kawasan tadahan tidak dapat menampung air untuk penduduk.

"Kawasan tadahan ada sedikit air, tetapi tidak boleh masuk dalam tangki kami. Keadaan ini berlaku lebih dua minggu lalu selepas tiada hujan hampir sebulan.

"Hampir semua tangki penduduk kehabisan simpanan air menyebabkannya kami memohon bekalan air melalui pejabat daerah pada akhir bulan lalu.

"Kami perlu air untuk kegunaan harian. Bagaimanapun, kami berterima kasih kepada kerajaan khususnya pejabat daerah yang segera menghantar bekalan air sejak Jumaat lalu," katanya, semalam.

Air graviti kian kontang

Penduduk Kampung Puhus bimbang kawasan tadahan semakin kering selepas hampir sebulan tidak hujan

Kampung Puhus, 23 kilometer (km) dari Pekan Kota Belud, terletak di kawasan berbukit selain jalan gravel, ada 278 penduduk dan 34 rumah.

Penduduk kampung itu yang kebanyakannya petani selain pegawai kerajaan dan swasta menggunakan air graviti sejak lebih 50 tahun lalu.

Mengulas lanjut, Saitem berharap penghantaran bekalan air dapat dilakukan berterusan untuk kegunaan penduduk terutama mereka yang mempunyai anak kecil dan bersekolah.

"Kami harap bekalan air dihantar lebih kerap kerana kami kini perlu membeli air mineral untuk menampung keperluan," katanya.

Beliau berkata, pihaknya memohon kerajaan menyediakan kemudahan air terawat untuk kegunaan penduduk kampung.



KEADAAN kawasan tadahan air graviti Kampung Puhus yang hampir kering dan tidak dapat menampung keperluan penduduk.

05-03-20

setempat 23

Melaka

Belukar paling banyak terbakar

Jabatan Bomba dan Penyelamat Malaysia (JBPM) Melaka merekodkan 542 kes kebakaran terbuka akibat cuaca panas melampau dalam tempoh 63 hari pertama tahun ini.

Penolong Pengarah Bahagian Operasi Kebombaan dan Penyelamat Negeri, Penguasa Kanan Bomba Zulkifli Nordin berkata, kebakaran membabitkan belukar merekodkan jumlah tertinggi dengan 458 kes sejak 1 Januari hingga kelmarin.

Beliau berkata, kebakaran membabitkan sampah

merekodkan 62 kes, diikuti hutan (12 kes) dan 10 kes kebakaran kebun. "Balai Bomba dan Penyelamat (BBP) Masjid Tanah dan BBP Alor Gajah, masing-masing merekodkan jumlah tertinggi dengan 89 dan 85 kes kebakaran terbuka berbanding BBP lain di negeri ini.

"Sepanjang tempoh ini, kami menerima 20 panggilan sehari membabitkan kebakaran terbuka sama ada membabitkan belukar, sampah atau hutan," katanya, semalam.

Port Dickson

Santai bawah pokok lebih nyaman

Cuaca panas yang melanda negara ketika ini tidak menghalang orang ramai berladang di sekitar pantai Telok Kemang bersama rakan atau keluarga masing-masing.

Tinjauan Harian Metro di Pantai Saujana, Batu 4, di sini, mendapati pengunjung lebih selesa berkhemah di tempat re-dup berbanding mandi di pantai kerana cuaca panas.

Pengunjung, Yusof Ismail, 58, berkata, keadaan cuaca menyebabkan dia selesa bersantai di khemah termasuk menghirup udara nyaman.

"Saya hanya datang untuk berehat sambil

berkhemah. Saya tidak mandi laut kerana cuaca sangat panas.

"Cuaca seperti ini tidak sesuai mandi laut. Kawasan sekitar pantai banyak pokok, sekali gus mengurangkan haba," katanya yang datang dari Klang, Selangor.

Seorang lagi pengunjung dari Ibu negara, Ng Leng Seng, 42, mengakui datang ke Port Dickson bersama keluarga untuk berladang, tetapi cuaca panas menyebabkan dia mengurangkan aktiviti pantai kerana dikhawatiri menjejaskan kesihatan.

"Pagi tadi anak sempat mandi laut sekejap kerana ketika itu cuaca redup," katanya.



PENGUNJUNG Telok Kemang memilih bersantai di bawah khemah dan pokok berbanding mandi di pantai berikutan cuaca panas yang melanda negara ketika ini.



LAMPIRAN 16
THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 8
TARIKH: 5 MAC 2019 (SELASA)

Alabama tornado kills at least 23

► Storm caused 'catastrophic' damage, says official

WASHINGTON: A tornado tore through the southern US state of Alabama on Sunday, killing 23 people, uprooting trees and causing "catastrophic" damage to buildings and roads, a local sheriff said.

"Unfortunately our toll, as far as fatalities, does stand at 23 at the current time," Lee County Sheriff Jay Jones told the local CBS affiliate, acknowledging that children were among the dead.

Other people have been hospitalised, some with "very serious injuries", he had earlier told reporters.

Search operations for those still

missing were halted on Sunday night due to hazardous conditions, but had resumed yesterday morning.

"I cannot recall at least in the last 50 years ... a situation where we have had this loss of life that we experienced today."

The swath of destruction left by the storm was 0.4km wide and stretched for the "several miles that it travelled on the ground", Jones said.

More than 6,000 homes were left without power in Alabama, according to PowerOutage.US, while 16,000 suffered outages in neighbouring Georgia. Authorities warned the death toll could rise further as rescuers search through the debris in Beaugard, about 95km east of the state capital Montgomery.

Television images showed the heavy rain had relented by dusk but many roads in the worst-hit areas



Debris and a damaged house seen following a tornado in Beaugard, Alabama, on Sunday. - REUTERSPIX

were left littered with debris.

One bar in the town appeared to have lost its roof and most of its walls,

in images screened by MSNBC, while a cell tower was completely destroyed.

Late Sunday, US President Donald Trump expressed his condolences to those affected. - AFP

LAMPIRAN 17
 KOSMO (DUNIA): MUKA SURAT 43
 TARIKH: 5 MAC 2019 (SELASA)

Sekurang-kurangnya 23 maut akibat bencana cuaca yang melanda negeri AS itu

Puting beliung badai Alabama

WASHINGTON - Satu kejadian puting beliung mengorbankan sekurang-kurangnya 23 individu dan meninggalkan 'kemusnahan teruk' di negeri Alabama, Amerika Syarikat (AS), menurut pegawai kerajaan tempatan. "Buat masa ini, kami sudah ada pengesahan sebanyak 23 kematian," menurut syerif Daerah Lee, Jay Jones kepada stesen penyiaran sekutu CBS sambil mengesahkan ada mangsa kanak-kanak.

Beberapa mangsa lain dimasukkan ke hospital termasuk mereka yang mengalami kecederaan serius, sewaktu operasi mencari lebih ramai mangsa hilang masih diteruskan, katanya.

"Kemusnahan ini amat luar biasa. Saya tidak dapat ingat (kejadian sebegini berlaku) dalam tempoh 50 tahun lalu," katanya.

Operasi mencari mangsa-mangsa hilang dihentikan pada malam kelmarin disebabkan



IMEJ menunjukkan puting beliung melanda Dothan di Alabama kelmarin. AFP/INSTAGRAM JUSTIN MERRITT

keadaan berbahaya dan disambung semula pagi semalam, kata Jones.

Laluan kemusnahan oleh ribut itu adalah selebar 0.4 kilometer (km) dan sepanjang 'beberapa km', menurut Jones.

Lebih 6,000 kediaman terputus bekalan elektrik di Alabama, menurut pengesan gangguan sumber elektrik, PowerOutage.

US. Di Georgia pula, lebih 16,000 rumah disahkan mengalami gangguan elektrik.

Terdahulu, Pejabat Jabatan Perkhidmatan Cuaca Kebangsaan (NWS) di Birmingham, Alabama kelmarin mengeluarkan amaran puting beliung di beberapa kawasan termasuk Daerah Lee dan meminta penduduk segera mencari perlindungan



GAMBAR menunjukkan sejumlah rumah dan kenderaan musnah dibadai puting beliung di Talbotton, Georgia di Amerika Syarikat kelmarin. WEATHER/11010/TWITTER

dan menjauhi kawasan tingkap.

NWS Birmingham menerusi Twitter mengesahkan ribut tamat selepas beberapa jam kemudian dan menggesa orang ramai menjauhi kawasan kemusnahan agar pasukan penyelamat boleh menjalankan tugas masing-masing.

Agensi itu juga mengesahkan terdapat beberapa kejadian puting beliung di kawasan berkenaan dengan menyatakan ribut tornado pertama membadaai Daerah Lee ialah EF-3 yang mempunyai angin selaju 218km hingga 266km sejam. - AFP



LAMPIRAN 18
SINAR HARIAN: MUKA SURAT 46
TARIKH: 5 MAC 2019 (SELASA)

Robot kecerdasan buatan (AI) baca berita



Xin Xiaomeng itu dihasilkan berdasarkan imej pembaca berita sebenar, Qu Meng.

BEIJING - Agensi berita Xinhua, kelmarin menggunakan robot pembaca berita yang meniru ekspresi wajah dan gaya manusia bagi menyampaikan berita tentang ketibaan delegasi untuk menghadiri mesyuarat tahunan Parlimen di Beijing.

Robot kecerdasan buatan (AI) digelar Xin Xiaomeng itu dilihat membaca berita dalam persembahan video selama seminit oleh Xinhua.

Ita dihasilkan berdasarkan imej

pembaca berita sebenar, Qu Meng dan dibangunkan oleh Xinhua dan firma teknologi, Sogou Inc.

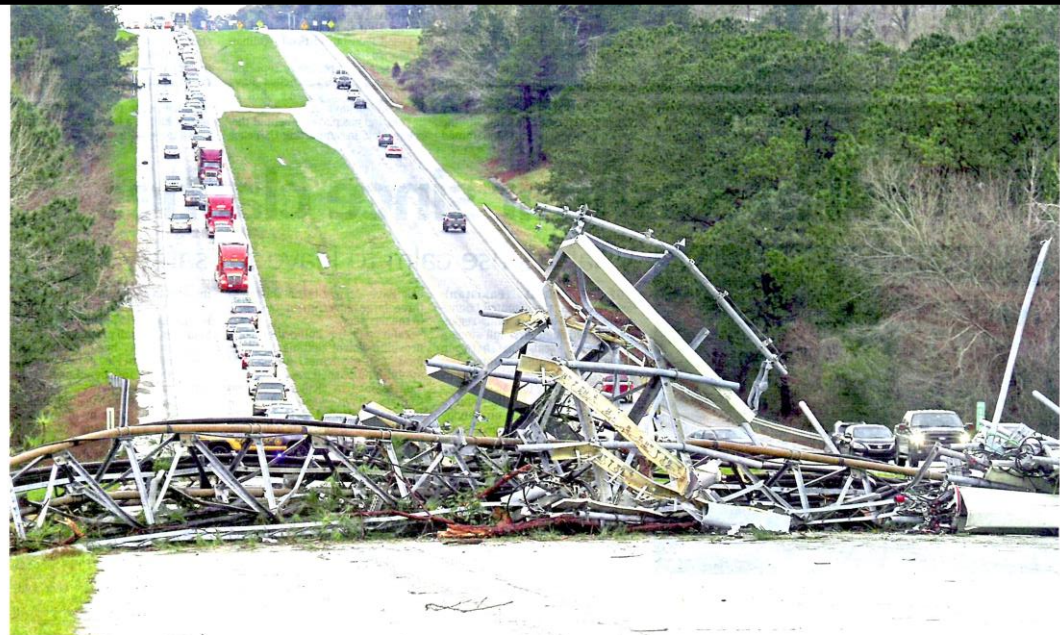
November lalu, Xinhua memaparkan dua pembaca berita AI yang mengenakan pakaian lelaki ketika Persidangan Internet Sedunia di bandar Wuzhen.

Ketika ini, Beijing sedang berusaha untuk memajukan kecekapannya dalam teknologi AI daripada peralatan pengawasan sehingga kereta tanpa pemandu. - Reuters

LAMPIRAN 19
HARIAN METRO (GLOBAL): MUKA SURAT 31
TARIKH: 5 MAC 2019 (SELASA)

W TALBOTTON, GA GLOBAL TON, GA
EDITOR ROZIMI HASHIM
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KEROSAKAN akibat puting beliung. - Daily Mail
RUMAH RANAP, POKOK TERCABUT
Agensi Alabama (Amerika Syarikat)
Seramai 23 orang termasuk kanak-kanak lapan tahun korban puting beliung di Alabama
Kemusnahan yang berlaku amat dahsyat. Saya tidak pernah melihat kejadian seperti ini, sekurang-kurangnya sejak 50 tahun lalu"
DATUK Bandar Eufaula, Alabama, Jack Tibbs berkongsi gambar keadaan pesawat ringan yang bertaburan di lapangan terbang bandar itu. - Daily Mail

LAMPIRAN 20
THE STAR (WORLD): MUKA SURAT 23
TARIKH: 5 MAC 2019 (SELASA)



Huge obstruction: A fallen cell tower blocking part of the US Route 280 highway in Lee County, Alabama, in the Smiths Station community after a tornado struck in the area. Strong storms destroyed mobile homes, snapped trees and left a trail of destruction amid weather warnings extending into Georgia, Florida and South Carolina. — AP

Tornado rips through Alabama

Twister leaves a trail of destruction, killing 23 and severely injuring others

WASHINGTON: A tornado tore through the southern US state of Alabama, killing 23 people, uprooting trees and causing "catastrophic" damage to buildings and roads, a local sheriff said.

"Unfortunately our toll, as far as fatalities, does stand at 23 at the current time," Lee County Sheriff Jay Jones told the local CBS affiliate, acknowledging that children were among the dead.

Other people have been hospitalised, some with "very serious injuries", he had earlier told reporters.

Search operations for those still missing were halted on Sunday night due to hazardous conditions, but Jones added they would resume the next day.

"The devastation is incredible," he said. "I cannot recall at least in the last 50 years ... a situation where we have had this loss of life that we experienced today."

The swathe of destruction left by the storm was 0.4km wide and stretched for the "several miles that it travelled on the ground", according to Jones.

Still and video images showed trees that had been snapped in two, debris-strewn roads and wrecked houses in the wake of the storm.

More than 6,000 homes were left without power in Alabama, according to PowerOutage.US, while 16,000 suffered outages in neighbouring Georgia.

Authorities warned the death toll could rise further as rescuers search through the debris in Beaugard, about 95km east of the state capital Montgomery.

Television images showed the heavy rain



Storm's coming: A view of the tornado seen in the distance at Warner Robins, Georgia, in a picture obtained from social media. — Reuters

had rained by dusk but many roads in the worst-hit areas were left littered with debris and unpassable.

Residents in the town of Smith Station told local TV news crews of their shock at turning up to work to find their businesses destroyed,

and seeing crying co-workers comforting one another.

One bar in the town appeared to have lost its roof and most of its walls, in images screened by MSNBC, while a cell tower was completely destroyed.

"My sister and niece have been under tornado watch and warnings all day in Montgomery ... Prayers up for Alabama," Emmy Award-winning filmmaker Ava Duvernay tweeted.

Late on Sunday, US President Donald Trump expressed his condolences to those affected.

"To the great people of Alabama and surrounding areas: Please be careful and safe," he wrote on Twitter.

"Tornadoes and storms were truly violent and more could be coming. To the families and friends of the victims, and to the injured, God bless you all!"

The National Weather Center had issued a tornado warning for areas including Lee County earlier on Sunday, calling on residents to: "TAKE COVER NOW! Move to a basement or an interior room on the lowest floor of a sturdy building. Avoid windows."

It tweeted later that the southeastern United States, struck by a severe storm system, could see "damaging winds, large hail and isolated tornadoes" overnight.

While Jones referred to a single storm, CNN reported that two tornadoes had hit Lee County in quick succession, some of "at least a dozen" it said tore through Alabama and the neighbouring state of Georgia on Sunday.

NWS Birmingham suggested that there were multiple twisters in the area, tweeting that the "first tornado to impact Lee County today was at least an EF-3; at least 1/2 mi wide".

The EF-3 designation - on a scale of zero to five - means the tornado had winds of 218kph to 266kph. — AFP

LAMPIRAN 21
BERITA HARIAN (DUNIA): MUKA SURAT 71
TARIKH: 5 MAC 2019 (SELASA)

23 maut, puting beliung badai AS



Kejadian terburuk dalam tempoh 50 tahun, angka kematian dijangka meningkat

Washington

Sekurang-kurangnya 23 orang maut dalam bencana puting beliung di negeri selatan Amerika Syarikat (AS) di Alabama kelmarin...

Sherif Jay Jones memaklumkan saluran sekutu CBS, antara mangsa yang maut termasuk kanak-kanak.

"Malangnya angkat kematian mencecah 23 orang setakat ini," kata Jones memaklumkan mangsa lain dirawat dengan sesetengah mengalami kecederaan 'amat serius'.

Operasi mencari penduduk yang masih hilang ditangguhkan malam kelmarin berikutan keadaan masih berbahaya, namun Jones memberitahu, ia akan disambung pagi semalam (Isnin).

"Kemusnahan ini amat besar dan saya tidak fikir ada situasi seperti ini sejak 50 tahun lalu yang menyaksikan jumlah kematian seperti kita alami sekarang," katanya.

Menurut Jones, kesan kemusnahan akibat bencana terbabit dapat dilihat di sepanjang 0.4 kilometer lebar dan sejauh 'beberapa kilometer panjang' laluan puting beliung.

Rakaman video dan foto menunjukkan pokok terbelah dua, jalan raya dipenuhi serpihan, tiang elektrik tercabut dan kediaman rosak akibat serangan ribut.

Susulan kejadian itu, lebih 6,000 rumah di Alabama terputus bekalan elektrik manakala lebih 16,000 penduduk berdepan keadaan sama di Georgia menurut PowerOutage.US.

Pihak berkuasa memberi amaran, angka kematian mungkin meningkat ketika penyelamat menjalankan kerja pencarian di celah runtuh di Beaugard, sejauh 95 kilometer di timur ibu negeri, Montgomery, kawasan paling teruk terjejas.

Serangan puting beliung berlaku kira-kira jam 2 petang waktu tempatan Ahad.

Imej televisyen menunjukkan hujan lebat berkurangan ketika senja berlabuh namun kebanyakan jalan raya di kawasan teruk terjejas dipenuhi sampah-

sarap dan tidak boleh dilalui.

Penduduk di pekan Smith Station memberitahu stesen televisyen tempatan, mereka terkejut mendapati premis perniagaan masing-masing musnah manakala rakan sekerja yang menangis saling mententeramkan satu sama lain.

Atap sebuah bar di pekan berkenaan hilang sama sekali manakala sebahagian besar dindingnya turut musnah.

"Adik dan anak saudara perempuan saya dalam keadaan berjaga-jaga sekarang di Montgomery. Doa untuk seluruh penduduk Alabama," kata pembuat filem yang juga pemenang Anugerah Emmy, Ava DuVernay menerusi Twitter.

Lewat kelmarin, Presiden Donald Trump menzahirkan ucapan takziah kepada mangsa terjejas.

"Kepada semua penduduk hebat di Alabama dan kawasan sekitar, tolong berhati-hati dan jaga keselamatan.

"Puting beliung dan ribut amat berbahaya dan lebih banyak lagi mungkin berlaku. Kepada semua keluarga dan rakan mangsa serta yang cedera, semoga Tuhan merahmati kamu semua!" katanya di Twitter.

Pusat Kaji Cuaca Kebangsaan (NWS) mengeluarkan amaran puting beliung untuk kawasan termasuk Lee County awal kelmarin, menggesa penduduk supaya: "BERLINDUNG SEKARANG! Pindah ke kawasan bawah tanah atau bilik di tingkat paling rendah bangunan kukuh. Elakkan tingkap"

Ia menulis tweet lewat kelmarin, kawasan tenggara AS yang dibadai sistem ribut dahsyat dapat menyaksikan 'angin pemusnah, hujan batu dan puting beliung tgerpencil'.

Ketika Jones merujuk puting beliung tunggal, CNN melaporkan berlaku dua kejadian itu di Lee County secara pantas, memusnahkan Alabama dan negeri jiran Georgia. AFP

Info

Skala kerosakan Fujita (F)

F0 (0-17 km/j) - Kerosakan kecil. Sesetengah kerosakan pada cerobong. Dahan pokok patah dan sesetengah pokok diterbangkan.

F1 (17-32 km/j) - Kerosakan sederhana. Kereta bergerak di atas jalan raya, rumah bergerak terbalik atau tertolak dari bahagian asas.

F2 (32-50 km/j) - Kerosakan ketara. Rumah bergerak musnah, pokok besar tercabut atau patah, kereta terangkat dari tanah.

F3 (50-63 km/j) - Kerosakan teruk. Kereta api terbalik, banyak pokok tercabut, kenderaan berat terangkat, dinding rumah musnah.

F4 (63-80 km/j) - Kerosakan dahsyat. Bangunan kukuh musnah, objek besar terapung.

F5 (80-112 km/j) - Kerosakan malapetaka. Kereta tercampak lebih 100 meter, bangunan kukuh teralih.



Penyelamat menjalankan kerja pencarian di Beaugard, sejauh 95 kilometer di timur ibu negeri, Montgomery, kawasan paling teruk terjejas.