



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

Bil	Berita	Media	Capaian Berita Penuh
22 APRIL 2019 (ISNIN)			
1.	<u>Pelan tangani pembakaran secara terbuka</u>	Berita Harian	Rujuk Lampiran 1
2.	<u>Govt urged to step up efforts to address climate change</u>	The Sun Daily	Rujuk Lampiran 2
3.	<u>Dr M to call for transparency at Beijing summit</u>	The Star Online	Klik pada tajuk berita
4.	<u>Leiking, Trump on the same page about US-China trade war</u>	www.malaymail.com	Klik pada tajuk berita
5.	<u>Zuraida plans to turn rubbish into ringgit</u>	www.malaymail.com	Klik pada tajuk berita
6.	<u>Sabah lebih terjejas fenomena El Nino sehingga Mei ini</u>	Malaysiakini.com	Klik pada tajuk berita
7.	<u>El Nino phenomenon in Sabah till May</u>	Theborneopost.com	Klik pada tajuk berita
21 APRIL 2019 (AHAD)			
8.	<u>Chemical companies must embrace 'green corporate culture'</u>	www2.nst.com.my	Klik pada tajuk berita
9.	<u>JAS sedia pelan tindakan hadapi El Nino</u>	Berita Harian Online	Klik pada tajuk berita

10.	<u>Sabah lebih terjejas fenomena El Nino sehingga Mei ini</u>	Utusan Malaysia Online	Klik pada tajuk berita
11.	<u>Green group urges govt to do more about climate change</u>	The Sun Daily Online	Klik pada tajuk berita
12.	<u>Sabah to be affected by El Nino phenomenon till May</u>	The Sun Daily	Klik pada tajuk berita
13.	<u>Getting the balance right between development, environmental preservation</u>	The Star online	Klik pada tajuk berita
14.	<u>The instructions have been made</u>	Kwong Wah Online	Klik pada tajuk berita
15.	<u>Apa bezanya PIL1 dengan Kidex?</u>	Malaysiakini (English)	Klik pada tajuk berita
16.	<u>Reclamation in Penang is expected to start</u>	Sin Chew Online	Klik pada tajuk berita
17.	<u>Johor Ruler wants more patrols to stop water pollution</u>	The Star	Klik pada tajuk berita dan Rujuk lampiran 3
18.	<u>Kon Yeow minta Najib teliti fakta PIP sebelum kritik</u>	Utusan Malaysia	Klik pada tajuk berita dan Rujuk lampiran 4
19.	<u>Three dams in Johor fall below critical mark</u>	The Star	Klik pada tajuk berita dan Rujuk lampiran 5
20.	<u>Communicate to understand the operate; Yeo Bee Yin will visit Lynas</u>	China Press	Rujuk lampiran 6
21.		China Press	Rujuk

	<u>Tun M: Malaysia become advance nations; development and greening must parallel</u>		lampiran 7
22.	<u>Xavier : Pahang seeks payment of RM17.1b from central government; May go for alternative payment</u>	Nanyang Siang Pau	Rujuk lampiran 8
23.	<u>MoFA : Yeo Bee Yin will visit soon; Lynas development to be announced within two months</u>	Nanyang Siang Pau	Rujuk lampiran 9
24.	<u>Mahathir : To become a developed nation, development and recycling must be balanced</u>	Nanyang Siang Pau	Rujuk lampiran 10
25.	<u>PM: Preserve the environment</u>	New Straits Times	Rujuk lampiran 11
26.	<u>Foreign minister urge the three parties to sit down for benign argue about the lynas issue</u>	Oriental Daily	Rujuk lampiran 12
27.	<u>Set for a vital role at BRI summit</u>	The Star	Rujuk lampiran 13
28.	<u>PM: Vital to conserve environment</u>	The Star	Rujuk lampiran 14
29.	<u>Logging near water catchment</u>	The Star	Rujuk lampiran 15
30.	<u>Pendebatan bukan soal nadir bumi</u>	Utusan Malaysia	Rujuk lampiran 16
31.	<u>Pembangunan seimbang capai status negara maju</u>	Berita Harian	Rujuk lampiran 17
32.	<u>Tak Maju Jika Udara Tercemar</u>	Harian Metro	Rujuk lampiran 18

20 APRIL 2019 (SABTU)			
33.	Lebur plumbum sejak tahun lalu	Sinar Harian Online	Klik pada tajuk berita
34.	Kilang ambil langkah pencegahan	Sinar Harian Online	Klik pada tajuk berita
35.	Penang reclamation project: CAP, SAM welcome Putrajaya's clarification	aliran.com	Klik pada tajuk berita
36.	Tambak laut: Projek PSR secara dasarnya telah dipersetujui – Chow	Astro Awani Online	Klik pada tajuk berita
37.	No National approval yet for Penang South reclamation	Bernama Online	Klik pada tajuk berita
38.	Projek PSR: Kerajaan P.Pinang akan patuhi 18 nasihat MPFN, kata Chow	Bernama Online	Klik pada tajuk berita
39.	'Unhealthy' API reading in Miri city	Borneo Post Online	Klik pada tajuk berita
40.	Probe into Jenjarom battery plant to take 2 weeks	Free Malaysia Today On-line	Klik pada tajuk berita
41.	Kenyataan 'tak pernah lulus' projek tebus guna 'betul secara teknikal', kata ketua menteri	Free Malaysia Today On-line	Klik pada tajuk berita
42.	No approval of reclamation project 'technically true', says Penang CM	Free Malaysia Today On-line	Klik pada tajuk berita
43.	Ending confusion, Penang CM	klse.i3investor.com	Klik pada tajuk berita

	<u>confirms no federal nod yet for PSR</u>		
44.	<u>Penang South Reclamation project's EIA rejected last year, says CM</u>	klse.i3investor.com	Klik pada tajuk berita
45	<u>Haze once again hit</u>	Kwong Wah Online	Klik pada tajuk berita
46.	<u>Kilang bateri diberi tempoh baiki rekahan di kawasan pelepasan</u>	malaysia.shafaqna.com	Klik pada tajuk berita
47.	<u>Adun Kemelah serbu kilang tidak patuh piawaian alam sekitar</u>	malaysiadateline.com	Klik pada tajuk berita
48.	<u>Kilang bateri diberi tempoh baiki rekahan</u>	myMetro On-line	Klik pada tajuk berita
49.	<u>Malaysia remains potential growth area, says Repsol</u>	Sabah Daily Express	Klik pada tajuk berita
50.	<u>'Saving Klang Gates Quartz Ridge good move'</u>	Sabah Daily Express	Klik pada tajuk berita
51.	<u>'Unhealthy' API Reading in Miri City</u>	selangorjournal.my	Klik pada tajuk berita
52.	<u>Penduduk diminta hentikan spekulasi pencemaran</u>	selangorkini.my	Klik pada tajuk berita
53.	<u>JAS akan ambil tindakan kilang langgar perintah</u>	selangorkini.my	Klik pada tajuk berita
54.	<u>Tempoh dua minggu siasat kilang punca pencemaran</u>	selangorkini.my	Klik pada tajuk berita

55.	<u>Reocation after violation of regulations</u>	Sin Chew Online	Klik pada tajuk berita
56.	<u>Degil! Dua kilang kitar semula plastik akhirnya disita</u>	Sinar Harian Online	Klik pada tajuk berita
57.	<u>KM Pulau Pinang dedah 18 nasihat MPFN</u>	Sinar Harian Online	Klik pada tajuk berita
58.	<u>Pencemaran plumbum: Kerajaan Selangor digesa ambil tindakan segera</u>	Sinar Harian Online	Klik pada tajuk berita
59.	<u>'Unhealthy' API reading in Miri city</u>	The Edge Online	Klik pada tajuk berita
60.	<u>No federal approval yet for Penang South Reclamation project</u>	The Edge Online	Klik pada tajuk berita
61.	<u>National Planning Council only advises not approves, says Penang CM</u>	The Star Online	Klik pada tajuk berita
62.	<u>Bercanggah MPFN, Kon Yeow sifatkan tambak laut dipersetujui secara</u>	Utusan Malaysia Online	Klik pada tajuk berita
63.	<u>Stor simpan cecair kimia terbakar dua hari</u>	Utusan Malaysia Online	Klik pada tajuk berita
64.	<u>Projek PIP dan komponennya, keperluan atau pembaziran?</u>	Utusan Malaysia Online	Klik pada tajuk berita
65.	<u>CM Chow: NPPC only advises, not approves</u>	www.buletinmutiara.com	Klik pada tajuk berita

66.	<u>'Unhealthy' API reading in Miri City</u>	www.kwiknews.my	Klik pada tajuk berita
67.	<u>Penang South Reclamation project's EIA rejected last year, says CM</u>	www.malaymail.com	Klik pada tajuk berita
68.	<u>Ending confusion, Penang CM confirms no federal nod yet for PSR</u>	www.malaymail.com	Klik pada tajuk berita
69.	<u>'Unhealthy' API reading in Miri city? The Malaysian Times</u>	www.themalaysiantimes.com.my	Klik pada tajuk berita
70.	<u>Chow insists Penang South Reclamation project good to go once 18</u>	www2.nst.com.my	Klik pada tajuk berita
71.	<u>It's a no-no for PIL 1</u>	New Straits Times	Klik pada tajuk berita dan Rujuk Lampiran 19
72.	<u>Selangor DOE, Luas to conduct acidity tests on soil, underground water / Acidity tests to be conducted on soil , water</u>	New Straits Times	Klik pada tajuk berita dan Rujuk lampiran 20
73.	<u>CAP, SAM welcome Fed Govt clarification on Penang reclamation project</u>	www2.nst.com.my	Klik pada tajuk berita
74.	<u>Haze: Miri hits 'unhealthy' 188-API reading</u>	www2.nst.com.my	Klik pada tajuk berita
75.	<u>Kilang bateri diberi tempoh baiki rekahan</u>	Harian Metro	Rujuk Lampiran 21

76.	<u>KG JENJAROM FOLK ALARMED BY POLLUTION</u>	New Straits Times	Rujuk Lampiran 22
77.	<u>Jangan tunggu lebih banyak kerosakan alam sekitar</u>	Utusan Malaysia	Rujuk Lampiran 23
78.	<u>Kerjasama industri UniKL Mestech & 3M Seremban</u>	Harian Metro	Rujuk Lampiran 24
79.	<u>JAS, LUAS diarah buat ujian keasidan</u>	Berita Harian	Rujuk Lampiran 25

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
22 APRIL 2019 (ISNIN)			
80.	<u>Pupuk minat sains sejak sekolah rendah</u>	Kosmo! Online	Klik pada tajuk berita
81.	<u>Exco: RM180m Perak gas pipeline ready by end of year</u>	www.malaymail.com	Klik pada tajuk berita
82.	<u>Perak hasrat jadikan Manjung hab proses gas, minyak</u>	Sinar Harian Online	Klik pada tajuk berita
83.	<u>Kutip sampah</u>	Harian Metro Online	Klik pada tajuk berita
84.	<u>Kepentingan sungai nadi kehidupan</u>	Sinar Harian Online	Klik pada tajuk berita
85.	<u>'Use infrared technology to boost monitoring of oil dumping'</u>	New Straits Times	Rujuk Lampiran 26

86.	<u>Tanjung Penawar Tercemar: Kumpul 64 Guni Sisa Minyak</u>	Harian Metro	Rujuk Lampiran 27
87.	<u>Tambak laut, manfaat atau bencana?</u>	Utusan Malaysia	Rujuk Lampiran 28
88.	<u>Latih Pelajar Cipta Raket</u>	Kosmo!	Rujuk Lampiran 29
21 APRIL 2019 (AHAD)			
89.	<u>Sambutan Hari Bumi peringkat negeri Perlis meriah</u>	Utusan Malaysia Online	Klik pada tajuk berita
90.	<u>Saving the ocean</u>	New Sunday Times	Rujuk Lampiran 30
91.	<u>Tanjung Balau Oil Spill : Bring The Polluters to Book, Say NGOs</u>	New Sunday Times	Rujuk Lampiran 31
92.	<u>Bumi Tanpa Pencemaran</u>	Metro Ahad	Rujuk Lampiran 32
93.	<u>Hujan Bantu Larut Minyak</u>	Metro Ahad	Rujuk Lampiran 33
20 APRIL 2019 (SABTU)			
94.	<u>SEB updates local contractors on opportunities in upcoming projects</u>	Theborneopost.com	Klik pada tajuk berita
95.	<u>UKM bangunkan sistem pengering mesra alam untuk produk pertanian, makanan</u>	Berita Harian Online	Klik pada tajuk berita
96.	<u>Sultan Johor mahu pihak berkuasa tingkatkan rondaan di laut</u>	Astro Awani	Klik pada tajuk berita

97.	<u>Tragedi Sungai Kim-kim boleh dielak jika korporat amal budaya hijau</u>	Berita Harian Online	Klik pada tajuk berita
98.	<u>Tanjung Balau Tercemar: Ikan Tak Masuk Bubu</u>	Harian Metro	Rujuk Lampiran 34
99.	<u>Sea Pollution: Compensate Us, Say Fishermen</u>	New Straits Times	Rujuk Lampiran 35

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
22 APRIL 2019 (ISNIN)			
100.	<u>Planet baharu di sistem solar Kepler-47</u>	Kosmo!	Rujuk Lampiran 36
21 APRIL 2019 (AHAD)			
<i>Tiada berita yang berkaitan</i>			
20 APRIL 2019 (SABTU)			
<i>Tiada berita yang berkaitan</i>			

LAMPIRAN 1
BERITA HARIAN (ISU): MUKA SURAT 15
TARIKH: 22 APRIL 2019 (ISNIN)

Pelan tangani pembakaran secara terbuka

Kota Kinabalu: Jabatan Alam Sekitar (JAS) sudah menyiapkan pelan tindakan bagi mengekang aktiviti pembakaran terbuka berikutan fenomena El Nino yang diramal memberi kesan di negara ini, khususnya di Sabah, berlaku bulan depan.

Ketua Pengarah JAS, Datuk Dr Kamarulnajib Che Ibrahim, berkata selain JAS, pelan tindakan kebangsaan itu turut melibatkan agensi berkaitan termasuk Jabatan Meteorologi serta Jabatan Bomba dan Penyelamat Malaysia (JBPM).

Katanya, Jabatan Pendidikan turut dimasukkan dalam pelan tindakan berkenaan bagi membuat tindakan perlu yang berkaitan dengan keselamatan dan kesihatan murid, pelajar serta guru disebabkan ancaman pembakaran terbuka.

“Semua (agensi) mengambil peranan dalam pelan tindakan kebangsaan itu. Jika berlaku apa-apa kebakaran, semua agensi bertindak, malah Jabatan Pendidikan juga diminta mengambil tindakan jika berlaku jerebu yang mencapai paras bahaya,” katanya selepas Majlis Perasmian Sambutan Hari Bumi 2019 Peringkat Kebangsaan yang disempurnakan Timbalan Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Isnaraisah Munirah Majilis, di sini, semalam.

LAMPIRAN 2
THE SUN DAILY: MUKA SURAT 3
TARIKH: 22 APRIL 2019 (ISNIN)



The rally that was held in front of Sogo in Kuala Lumpur yesterday. **ASHRAF SHAMSUL/THE SUN**

Govt urged to step up efforts to address climate change

BY **ELLY FAZANIZA**
newsdesk@thesundaily.com

KUALA LUMPUR: An environmental group has urged the government to step up its efforts in addressing climate change.

Klima Action Malaysia spokesman Reza Abedi said several steps could be taken, including improving climate literacy, imposing stricter environmental regulations and enforcement, and having more robust climate assessments as a pre-condition for approval of

new infrastructure projects.

"We have less than 11 years to take climate action to limit a temperature rise of 1.5 degrees Celcius, or face worsening droughts, floods, extreme heat waves, declining food production and increased rates of extinction," he told *theSun* yesterday.

"Sadly, a Merdeka Centre survey in 2016 found that only 32% of Malaysians are concerned about climate change. Inaction now means a bleak future marred by conflict, famine and mass migration; all things that

Malaysia is not prepared for and that we hope to avert."

He said the group would send a memorandum to Energy, Technology, Science, Climate Change, and Environment Minister Yeo Bee Yin, and also to Water, Land and Natural Resources Minister Dr Xavier Jayakumar and Primary Industries Minister Teresa Kok before the next Parliament sitting.

The group organised a climate change rally yesterday in conjunction with Earth Day, which falls today.

LAMPIRAN 3
THE STAR (NATION): MUKA SURAT 4
TARIKH: 21 APRIL 2019 (SABTU)

Johor Ruler wants more patrols to stop water pollution

JOHOR BARU: As Sultan Ibrahim Ibni Almarhum Sultan Iskandar calls on the authorities to step up patrols to prevent the illegal dumping of sludge within the state's waters, more oil spills were spotted during the clean-up off Kota Tinggi.

The Johor Ruler said the recent incident in Tanjung Balau and Batu Layar in Kota Tinggi had negatively impacted the marine life and affected the livelihood of fishermen in the area.

"The authorities should step up patrols to check on such activities done illegally by tankers," he said in a statement posted on his official Facebook page.

Sultan Ibrahim also suggested that stern action be taken against

“ The authorities should step up patrols to check on such activities done illegally by tankers. **”**

Sultan Ibrahim Ibni
Almarhum Sultan Iskandar

such polluters.

It was earlier reported that some 300 tonnes of marine fuel covering

an area of about 10km had been detected in Tanjung Balau and Batu Layar.

Foreign tankers were believed to have dumped the oil, resulting in the spill at about 3pm last Wednesday.

Southern Region Marine Department on-scene commander Roslee Ibrahim said the oil spill was spotted in waters near the two areas on April 17, with the use of drones and satellite surveillance.

He added that 20 sacks of absorbent booms and 100 pieces of absorbent pads were used on the first day of the clean-up, which began on Thursday.

Yesterday, in Kota Tinggi, oil spills of about 300m were detected at 4.4 nautical miles off Tanjung Punggai

by the clean-up crew after they ventured deeper into the ocean on the third day of operation.

Roslee said the spills were detected at 1.45pm.

"We are still conducting recovery work by spraying oil dispersants on the notified areas. The dispersant chemical was used after we received the green light from the DoE (Department of Environment)," he added.

He said the surveillance work had covered an area of 15 nautical miles starting from Tanjung Balau, Teluk Penawar, Teluk Punggai and Tanjung Penyusup up to Pulau Mungging.

"The oil spills were detected after we ventured another five nautical

miles beyond Pulau Mungging and 4.4 nautical miles from Teluk Punggai.

"We have used 40 bales of absorbent booms stretching about 120m, aside from using oil dispersants to break up the oil molecules," he explained.

Roslee said the clean-up work on the third day was rather challenging as they faced downpours with a strong wind of 25 knots.

The clean-up ended at about 6pm and resumes at 8am today.

"We are also waiting for another 40 bales of absorbent booms to be sent from our headquarters in Klang, so we need to return to the jetty before continuing our mission," he said.

LAMPIRAN 4
UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 66
TARIKH: 21 APRIL 2019 (AHAD)

Kon Yeow minta Najib teliti fakta PIP sebelum kritik

PULAU PINANG 20 April - Ketua Menteri, Chow Kon Yeow meminta bekas Perdana Menteri, Datuk Seri Najib Tun Razak meneliti fakta berkaitan projek Pelan Induk Pengangkutan Pulau Pinang (PIP) serta komponennya iaitu projek Lebuhraya Pan Island Link 1 (PIL 1) terlebih dahulu sebelum mengkritik projek berkenaan.

Kon Yeow berkata, setakat ini belum ada mana-mana syarikat pemaju dilantik untuk melaksanakan projek berkenaan.

“Belum lantik siapa lagi (pemaju), mana ada hubungan dengan sesiapa.

“Cari fakta betul baru saya jawab. Terima kasih dia (Najib) beri perhatian kepada saya, tidak pernah saya selama 32 tahun dalam politik diberi perhatian sebegini,” katanya ketika ditemui selepas menghadiri majlis anugerah pelajar cemerlang Sijil Tinggi Persekolahan Malaysia (STPM) dan Sijil Pelajaran Malaysia (SPM) di sini hari ini.

Kelmarin, Najib menerusi

Facebook mempersoalkan siapa yang memperoleh manfaat utama menerusi projek PIL 1 yang didakwa sebagai projek untuk kroni dan bukannya projek untuk rakyat negeri ini.

Menerusi status dalam Facebook itu, Najib berkata, syarikat terowong milik 100 peratus swasta itu diberi tanah oleh kerajaan DAP untuk membina projek kondominium mewah dengan nilai pembangunan kasar (GDV) bernilai RM15 bilion.

Salah satu komponen PIP iaitu PIL 1 akan mula dilaksanakan pada tahun depan selepas projek itu mendapat kelulusan daripada Kajian Impak Alam Sekitar (EIA) oleh **Jabatan Alam Sekitar (JAS)**.

Dalam pada itu, ketika diminta mengulas mengenai wawancara telefon dengan stesen *BFM* yang didakwa tegang sehingga beliau memutuskan talian Kon Yeow berkata, beliau telah menjawab soalan yang dikemukakan oleh pengacara itu dengan sebaik mungkin.

LAMPIRAN 5

THE STAR (NATION): MUKA SURAT 3

TARIKH: 21 APRIL 2019 (AHAD)

Three dams in Johor fall below critical mark

By RAZAK AHMAD
razak@thestar.com.my

PETALING JAYA: Three dams in Johor, which supply raw water to treatment plants that serve about one million people in the state, are below the critical mark.

This comes about as the hot weather dries up parts of the country despite the occasional thunderstorms in other areas.

The National Water Services Commission (SPAN) said the water level at the Lebam dam was at 15.9% while the Upper Layang dam was at 21.8% and Pulau 2 dam at 36.1% as of Thursday.

Some 100,000 people in Kota Tinggi, Tanjung Balau, Teluk Ramunia, Pengarang and Bandar Penawar depend on water processed at treatment plants that draw water from the Lebam Dam.

The Upper Layang dam, meanwhile, supplies raw water to the Sultan Iskandar treatment plant, Johor's biggest water treatment facility.

The Sultan Iskandar plant treats water for 600,000 residents in Pasir Gudang and the eastern part of Johor Baru, specifically Johor Jaya, Bandar Seri Alam and Permas Jaya.

Replying to questions from *The Star*, the commission said the hot weather also caused the water level at Sungai Sedili Kecil to drop.

This has caused a fall in treated water production at the Lok Heng water treatment plant in Kota Tinggi, which led to supply disruptions for 4,004 households and premises that ended last Sunday.

Falling water levels at Sungai Gembut has, meanwhile, forced the

Getting low: The water level receding in the Upper Layang Dam in Johor.



Sungai Gembut water treatment plant in Kota Tinggi to reduce the production of treated water.

The commission said the water operator, Ranhill SAJ, started a scheduled water supply programme on March 21 which ended on Friday for 6,041 households and premises.

SPAN said it would continue to monitor the water level of dams that supply water to treatment plants to ensure a continuous supply of treated water to consumers.

"SPAN urges state governments and water operators in all states to closely monitor the situation at dams and rivers which supply water to their respective treatment plants.

"This will allow early measures to be taken to deal with any possibility of water supply disruptions," the

commission said.

Consumers should be careful in their water usage and to avoid wastage, it said.

SPAN said the situation in Selangor was still normal as the water levels at storage dams in the state were all above 79.2%.

The water levels at dams in Perak, Penang, Negri Sembilan and Melaka were also all at normal levels.

According to the commission, the water level at Air Itam dam in Penang has risen from 49.9% last month to 52.8% as of Thursday.

The Air Itam is the water source for Penang's Air Itam township, Paya Terubong valley and surrounding areas.

In Kedah, SPAN said a raw water supply shortage at the Tipah, Merbok and Headwork Gurun

water treatment plants has led to supply disruptions to Merbok, Tanjung Dawai, Bedong, Semeling, Singkir, Gurun and its surrounding areas.

Syarikat Air Darul Aman, which is the state water operator, has supplied water to affected areas to help residents affected by supply disruptions.

The Malaysian Meteorological Department (MetMalaysia) in a report on its website said the country entered the intermonsoon period on March 19, which is expected to last until the end of May with the arrival of the south-west monsoon.

The intermonsoon period typically sees heavy thunderstorms in the evenings in parts of the country while others mostly receive normal levels of rainfall.

The south-west monsoon will meanwhile see the peninsula and Sarawak receiving lower rainfall with more dry days than wet ones in these areas.

There are four seasons in Malaysia – the south-west monsoon (May to September), north-east monsoon (November to March) and the two inter-monsoon periods in between.

MetMalaysia in its website also recorded 21 areas under heatwave alert as of Friday.

These areas are Chuping (Perlis); Sik (Kedah); Pasir Mas, Tanah Merah, Jeli, Machang, Gua Musang and Kuala Krai (Kelantan); Kuala Terengganu, Hulu Terengganu and Dungun (Terengganu); Jerantut, Raub, Bentong, Temerloh, Maran, Pekan and Rompin (Pahang); Petaling (Selangor); and Jempol and Tampin (Negri Sembilan).

The department will issue a Category 1 or heatwave alert when temperatures in an area hit between 35°C and 37°C for three consecutive days.

Category 2 is when temperatures rise above 37°C for three days straight.

When this happens, the Energy, Science, Technology, Environment and Climate Change Ministry is empowered to declare a heatwave in that area.

This is to enable the relevant authorities to take follow-up actions, such as the closing of schools.

When an area hits Category 3 (temperatures above 40°C for three days in a row), the National Disaster Management Agency will be notified and the Prime Minister can declare an emergency.

LAMPIRAN 6
CHINA PRESS (NATION): MUKA SURAT 6
TARIKH: 21 APRIL 2019 (AHAD)

溝通瞭解運作

■依斯迈(右)向赛夫丁阿都拉讲解莱纳斯在厂内的永久废料储藏设计。



楊美盈將訪萊納斯

■依斯迈讲解放射性废料中每层叠的含量。

(关丹20日讯) 杨美盈将到访莱纳斯!

外交部次长拿督赛夫丁阿都拉说, 他已与能源、工艺、科学、环境及气候变化部部长杨美盈会谈, 后者答应会安排行程到访莱纳斯稀土厂, 但日期未定。

他是今日到访莱纳斯时, 针对莱纳斯辐射安全总经理依斯迈指该公司营运执照将于今年9月届满, 在未来数月的“关键期”, 希望杨美盈到该厂参观, 以具体了解该厂运作再下判断, 做出回应。

員工力挺公司

依斯迈以“即使夫妇离婚, 也应有面对面沟通的机会”, 形容该公司迫切希望能与杨美盈会面。

“从开始营运至今, 我们都保持开放态度, 欢迎任何欲亲身了解稀土厂运作的代表, 前来参观; 如今也做好准备, 随时迎接杨部长。”

针对内阁对莱纳斯运作的看法、废料储藏方式等, 赛夫丁一

概以不是他的权限为由, 拒绝发言。

“我只能说, 内阁会探讨每次细节, 再做出决定。”

他说, 今天首度到访是想了解莱纳斯运作、科学上的疑惑及争议(废料处理、地底水源污染等), 及员工的福利。

赛夫丁也有和稀土厂员工对话, 从中得知该公司没设立员工福利协会。

在交流环节中, 多名员工都发表意见力挺莱纳斯公司, 希望政府做出明智决定。

有员工也说, 尽管多个权威性组织, 如原子能执照局及特委会等所提呈的报告, 都证实莱纳斯稀土厂运作的安全性, 但当莱纳斯被外界攻击时, 政府却保持沉默。

员工认为, 该公司出示的报告都有科学根据, 但坊间的说法则仅是“口说”, 没有实际证据, 对该公司不公平。

赛夫丁参观稀土厂时, 也被带往参观临时废料储藏示范, 及厂内永久废料储藏槽的设计。



了解他们工作的福利。

■赛夫丁阿都拉(白衣者)与莱纳斯稀土厂员工交流, 以

賽夫丁吁3造好好商討

赛夫丁阿都拉促请各造, 通过良性辩论探讨莱纳斯稀土厂课题。

他说, 3个主要相关单位, 即

政府、莱纳斯管理层和反莱纳斯人士, 应坐下来展开良性讨论, 而非各执一词。

“良性辩论能避免发生不愉

快事件, 辩论话题可包括稀土厂安全、辐射议题等。”

他说, 也有人认为, 若莱纳斯最终得到政府有利的决定, 会引发当中程序是否透明, 或是否出现贪污。

LAMPIRAN 7
CHINA PRESS (NATION): MUKA SURAT 1
TARIKH: 21 APRIL 2019 (AHAD)



讓地球永續

保护和绿化大自然环境，人人有责！
配合每年4月22日世界地球日，首相敦马哈迪偕夫人敦西蒂哈丝玛，周六（20日）前往吉隆坡国家纪念碑公园种树，庆祝地球日。
马哈迪（左2起）与西蒂哈丝玛为绿化环境出一分力，

植树后浇水。右起为水源、土地与天然资源部长赛维尔、国库控股董事经理沙里尔里扎和经济事务部长阿兹敏阿里。
右图为马哈迪（穿白衣戴帽者）与西蒂哈丝玛，与参与植树活动的小学生。

◆報導：A3

敦馬：大馬要成先進國 發展與綠化須並行

（吉隆坡20日讯）首相敦马哈迪强调，国家发展必须与维护大自然环境取得平衡，否则大马难成为先进国。

他说，保护大自然环境不只是每个人必须做的事，也是一项需共同承担的责任。

“大家都看到了以利益为先过度发展对大自然环境的影响，先进国不应只有摩天大楼，贫瘠的土地、空气污染或因过度发展受污染的河流。”

马哈迪今日在国家纪念碑公园庆祝地球日活动上致词时，这么指出。

須貫徹所有社會階層

其他出席者包括首相夫人敦西蒂哈丝玛、经济事务部长拿督斯里阿兹敏阿里、联邦直辖区部长卡立沙末、能源、科技、科学气候变化与环境部长杨美盈、妇女、家庭与社会发展部副部长杨巧双，及国库控股执行董事拿督沙里尔里扎。

马哈迪也说，保护大自然环境觉醒意识，必须贯彻和分享至所有社会阶层。

他说，坐落在吉隆坡市中心的国家纪念碑公园，是政府对保护大自然环境的承诺，这片城市中的绿肺将确保发展与保护大自然环境并行。



■马哈迪（中）出席国家纪念碑公园庆祝地球日活动。左起为阿兹敏阿里、西蒂哈丝玛、赛维尔和卡立沙末。



■国家纪念碑公园内也设立小型花园，栽种各种珍贵稀有的热带雨林植物。

徵彭保留地建蓄水區 賽維爾：賠款未定

（吉隆坡20日讯）彭亨州政府将向中央追讨因徵用保留地所面临的171亿令吉损失，水务、土地与天然资源部长赛维尔说，政府确实有意征用该州野生动物森林保留地兴建蓄水區，但仍未决定征地赔偿数额。

他说，内阁会议昨日也有讨论徵地建蓄水區一事，并认为除了给州政府巨额赔偿，还有其他可行的折中方案，包括发展森林生态业创造更多商机。

赛维尔今日在国家纪念碑公园庆祝地球日活动后，向在场媒体这么指出。

他说，政府在征地建蓄水區去同时，会尽一切能力保护森林和动物栖息地，尽量不破坏大自然生态环境。

彭州大臣拿督斯里旺罗斯里于周三（17日）在彭亨州议会会议指出，中央政府将野生动物森林保留区作为蓄水地区段，以致州政府蒙受171亿令吉的损失，州政府将向中央政府申请索赔，以保障州内外人民的生活。

LAMPIRAN 8

NANYANG SIANG PAU (BUSINESS / BIZBYTES): MUKA SURAT 3
TARIKH: 21 APRIL 2019 (AHAD)

首相马哈迪夫妇与众出席者对地球日活动其中一环节开怀大笑。次排左起阿兹敏、沙里尔及赛韦尔。

彭向中央索偿 171 亿 赛韦尔：或替代赔偿

(吉隆坡 20 日讯) 水务、土地及天然资源部长赛韦尔再也古马医生说，政府还未针对彭亨州政府要求中央政府就州内森林保护区及集水区作出赔偿事项，有任何定夺。

彭亨州政府指该州为了保障水源及人民利益而把州内超过 100 公顷的森林面积作为积水区及森林保护区，可谓作出很大牺牲，因此要向联邦政府索偿 171 亿令吉。

赛韦尔今早在吉隆坡国家纪念碑公园出席 2019 年地球日后，针对此事指出，各州政府都要向中央政府索偿，但中央政府是否有能力赔偿予各州政府，又是另一问题。

提高森林经济效率

他指政府已讨论，是否能以另一个形式来取代赔偿。

“我们已策划森林种植领

域，以使用森林成为一个新经济（动力）...我想州政府应充分利用这计划，尽可能地提高他们的经济效率。”

彭亨州务大臣拿督斯里旺罗斯迪在州议会中透露，尽管该州拥有辽阔的土地，但大部分森林都不能开发，必须保留作为积水区及森林保护区。

他说，彭州政府不但牺牲伐木及开采矿物的收入，更需承担任庞大开销兴建水坝，对于州政府的收入来说是一大牺牲，因此建议州政府向联邦政府索取补偿 171 亿令吉。

今日出席者包括首相夫人敦茜蒂哈丝玛医生、经济事务部长拿督斯里阿兹敏、能源、工艺、科学、气候变化及环境部长杨美盈、水务、土地及天然资源部长赛韦尔再也古马医生、国库控股总执行长拿督沙里尔等。

LAMPIRAN 9

NANYANG SIANG PAU (BUSINESS / BIZBYTES): MUKA SURAT 4
TARIKH: 21 APRIL 2019 (AHAD)

赛夫丁（左）在莱纳斯高层陪同下，巡视厂内水沥滤净化固体废物储存设施样本设计。

外长：杨美盈将到访 莱纳斯进展两月内公布

（格宾 20 日讯）外交部长拿督赛夫丁透露，莱纳斯最新进展将在一两个月内公布。

“身为国会议员及内阁成员，我不便透露太多，届时将由能源、工艺、科学、气候变化及环境部长杨美盈公布莱纳斯最新进展。”

他说，杨美盈也表示将到访莱纳斯厂，不过则未透露几时会来。

赛夫丁也是英迪拉马哥达国会议员，他今日到访莱纳斯厂与职员们交流及参观厂逾 3 个小时行程后，在记者会上这么指出。

这也是赛夫丁首次到访莱纳斯厂，而之前曾到访莱纳斯

厂的希盟部长，包括原产业部长郭素沁。

在场者包括莱纳斯辐射安全总经理依斯迈巴哈里等。

执照9月2日届满

较早前，在交流会上，职员们要求应依据科学事实，而非一味靠口讲评论莱纳斯，以示公平，同时也希望部长把未来稀土科技潜能发展等，传达至内阁。

另外，依斯迈巴哈里指出，莱纳斯从一开始，针对稀土厂运作，公开健康式讨论，前提是寻求真相，以达共识。

莱纳斯营运执照将于 9 月 2 日届满。

LAMPIRAN 10

NANYANG SIANG PAU (PRIME NEWS): MUKA SURAT 19

TARIKH: 21 APRIL 2019 (AHAD)

马哈迪：要成为发达国家

发展与环保需平衡

(吉隆坡 20 日讯) 首相敦马哈迪医生直言，若大马无法在实体发展和大自然与环境保护之间取得平衡，那大马将无法成为一个发达国家。

他说，为这一代和下一代而保护大自然和环境既是个人责任，也是集体责任，同时需在任何情况下，锲而不舍地履行这责任。

马哈迪表示：“我们已看到没有规划的发展，以及仅强调利润因素所带来的后果。

“我们需要意识到，若我们能展示的仅是摩天大楼，但河流（却）受污染、原野只剩下荒芜土地，而我们呼吸的空气受到严重污染，我们要成为发达国的努力将无法实现或得到认可。”

马哈迪今早在吉隆坡国家纪念碑公园出席 2019 年地球日时，发表上述谈话。

出席者包括首相夫人敦茜蒂哈丝玛医生、经济事务部长拿督斯里阿兹敏、能源、工艺、科学、气候变化及环境部长杨美盈、水务、土地及天然资源部长赛韦尔再也古马医生及国库控股总执行长拿督沙里尔等。



马哈迪（左二起）和茜蒂哈丝玛一同为 2019 地球日主持树木种植仪式。

国家纪念碑公园吸引3万游客

面积约 27 公顷、坐落在吉隆坡心脏地带的国家纪念碑公园，目前已种植约 4000 棵

不同种类的雨林树木，为繁华大都市留下了一片吸引国内外游客的绿色公共空间。

自去年 8 月对外开放后，国家纪念碑公园至今已吸引约 3 万名国内外游客前来进行休闲活动。

马哈迪对此表示，若每名

前来该公园的游客都可将保护大自然与环境的重要性传递予身边亲友，相信有关意识将会成为一种自发性，无需再通过任何活动倡导。

LAMPIRAN 11
NEW STRAITS TIMES (NEWS): MUKA SURAT 5
TARIKH: 21 APRIL 2019 (AHAD)

SUSTAINABILITY

PM: PRESERVE THE ENVIRONMENT

Environmental conservation equally important in developing nation, says Dr Mahathir

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MALAYSIA will succeed in becoming a developed nation only if there is a balance between physical development and environmental sustainability in the country's growth.

In his speech at the Earth Day celebration here yesterday, Prime Minister Tun Dr Mahathir Mohamad reminded everyone that environmental preservation was as important as efforts to develop the economy and society.

"We can witness the aftermath when there is imbalance in development, which focuses on gaining profit.

"Our efforts to transform the country into a developed nation will not be achieved or recognised by having high-rise buildings, (while) our rivers are polluted, there are no trees left in our forests and the air that we breathe is polluted. Conserving the environment is not only an individual's responsibility, but a collective effort that must be carried out continuously."

Present were Tunku Besar Seri



Prime Minister Tun Dr Mahathir Mohamad and his wife, Tun Dr Siti Hasmah Mohd Ali, at the launch of Earth Day in Kuala Lumpur yesterday. PIC BY SAIFULLIZAN TAMADI

Menanti Tunku Ali Redhauddin Tuanku Muhriz, Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin and Water, Land and Natural Resources Minister Dr Xavier Jayakumar.

Also present were Economic Affairs Minister Datuk Seri Azmin Ali, Federal Territories Minister Khalid Abdul Samad and Deputy Women, Family and Community Development Minister Hannah Yeoh.

Dr Mahathir's wife, Tun Dr Siti Hasmah Mohd Ali, was present. "Today, we are celebrating Earth Day at Taman Tugu, a 26.7ha green lung located in the heart of Kuala Lumpur.

"The establishment of Taman Tugu is proof of our commitment to embracing a balanced development between physical development and environmental sustainability."

The Taman Tugu Project is a non-profit corporate social re-

sponsibility initiative led by Khazanah Nasional Bhd, with the support of public agencies and private organisations.

The project aims to encourage Malaysians to protect the natural heritage at Taman Tugu.

Dr Mahathir said Taman Tugu was chosen as the venue for Earth Day celebrations for symbolic reasons.

"I was informed that there are 4,000 trees of various indigenous rainforest species that have been

planted at the nursery.

"This is in addition to 1,000 trees at the site. I was informed that Taman Tugu has attracted more than 30,000 visitors, including foreign tourists, since it was open to the public in August last year."

He said he hoped Taman Tugu visitors would share with their relatives and friends the importance of environmental conservation and protecting the nation's green lungs.

LAMPIRAN 12
ORIENTAL DAILY (NATION): MUKA SURAT 7
TARIKH: 21 APRIL 2019 (AHAD)

外长促三方坐下来 良性辩论稀土厂

关丹20日讯 | 外交部长拿督赛夫丁阿都拉促请，各方在探讨莱纳斯稀土厂问题上，应该以良性的辩论进行。

他认为，通过良好的辩论，可以防止问题升级，减少可能导致不愉快的事态发展，此外还可谈及莱纳斯的安全性。

赛夫丁指出，三个主要方面，即政府，莱纳斯管理层及反对莱纳斯的人士，不应通过第三方发表意见，各方应该坐下来进行良好的讨论。

观看莱纳斯操作

他称，如果莱纳斯从政府那里获得某些决定，仍然会产生一些看法，所以问题是这个过程是否透明。

赛夫丁今日参观设立在关丹格宾的莱纳斯厂时，如是指出。他今日花了3个小时参与莱纳斯的



赛夫丁（左2）参观莱纳斯厂，与莱纳斯员工们会面。

汇报会，观看莱纳斯的工作人员如何操作，并与他们交流。

然而，赛夫丁拒绝发表进一步的评论，并指适合发言的人选是能源、科技、科学、气候变化和环境部长杨美盈。

赛夫丁透露，杨美盈有积极意愿来参观莱纳斯工厂，但是还没有确切日期。

赛夫丁是第二名参观莱纳斯工厂的部长，此前原产业部长郭素沁已经参观过。

LAMPIRAN 13

THE STAR (FOCUS / FOKUS): MUKA SURAT 16

TARIKH: 21 APRIL 2019 (AHAD)

Set for a vital role at BRI Summit

Dr Mahathir's upcoming trip to Beijing will provide refinement and recognition to President Xi Jinping's Belt and Road Initiative.

By HO WAH FOON
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PRIME Minister Tun Dr Mahathir Mohamad's trip to Beijing next week to participate in the Belt and Road Summit and Forum will be followed closely not only by Malaysians and Chinese nationals, but also the international community.

Malaysia-China ties are expected to leapfrog after one year of choppy relations, caused mainly by the cancellation of China-linked infrastructure projects by the government of Dr Mahathir, alleging corruption and price inflation in the contracts.

The future for closer bilateral ties brightened up when the China-financed East Coast Rail Link (ECRL) project was revived after reducing its cost from RM65.5bil to RM44bil.

China Communications Construction Company signed a supplementary agreement on the ECRL with the Malaysian government in Beijing on April 12, after nine months of painful re-negotiations.

"The revived ECRL project, considered an important project in the Belt and Road Initiative (BRI), marks a new chapter in Malaysia-China relations. It brings significance to both countries in scaling our 45 years of strong bilateral ties to new highs," says Tan Sri Ter Leong Yap, president of the National Chamber of Commerce and Industry of Malaysia.

In hammering out the new ECRL deal, both governments have shown their political will and wisdom to resolve problems.

While China has given many concessions in the new ECRL deal, Malaysia has met the special request by Beijing to ink the "supplementary" agreement before the second International Belt and Road Summit (April 25-27) - to be opened by Chinese President Xi Jinping.

As the ECRL is a flagship project of the Belt and Road Initiative (BRI) announced by President Xi in 2013, its resumption on April 12 is a relief to China. Inevitably, this has lifted Chinese sentiment towards Malaysia.

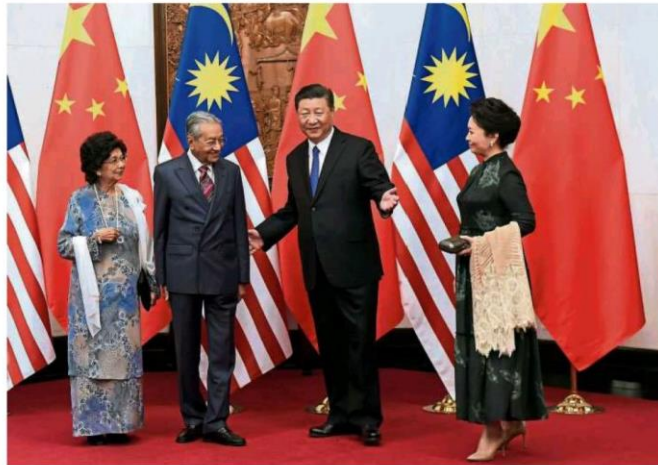
Deputy International Trade and Industry Minister Dr Ong Kian Ming said the ECRL revival had cleared uncertainties among investors and Chinese companies over the country's trade policies.

"(Prior to this), these companies might have some reservations about coming to Malaysia, but I believe there will be more Chinese companies engaging with Prime Minister Tun Dr Mahathir following the ECRL deal," he told reporters after a forum last Tuesday.

In a media roundtable on Thursday, Chinese Ambassador Bai Tian said reviving ECRL had instilled greater investment confidence in Malaysia from the Chinese.

"Greater confidence will attract more Chinese to come here for economic and infrastructure development. There is a long queue of Chinese investments outside MIDA (Malaysia Industrial Development Authority)," he said.

Malaysia is considered an ideal place for Chinese investments due



to some similarity in culture and language, close bilateral ties and a relatively good English-based legal system.

"I am very positive on the future of Malaysia-China relations, after the new ECRL deal. Bilateral ties, trade and investments, as well as tourism will hit new highs," says Datuk Keith Li, president of Chinese Entrepreneurs Association in Malaysia.

"Our people, who previously viewed Mahathir as unfriendly towards China, now see him as a wise and far-sighted leader," adds Li, in an interview with the *Sunday Star*.

It was wise of the 94-year old leader to appoint former finance minister Tun Daim Zainuddin to lead the Malaysian team on the ECRL negotiation, as he is seen as an old friend of China and not easily influenced by Western prejudice.

Dr Mahathir's recent positive remarks on China are also lifting for the Chinese.

In an interview with the *South China Morning Post*, he said he would side with "rich China" over unpredictable US if he had to make a choice.

Early this month, he told Malaysians to emulate the industriousness of China's citizens who helped make their country technologically advanced in just a few short decades.

Using the example of how Malaysia's Proton had partnered China's Geely to produce the popular SUV X70, he said other Malaysian industries could succeed too.

According to Bai Tian, China remembers that Dr Mahathir was one of the first state leaders in 2000 to say that "China's rise is no threat to the world" amid fear spread by the West.

Li believes major Chinese firms involved in high technology, green energy, recycling and agriculture will venture into Malaysia soon as "the ECRL deal serves as a wind vane for the Chinese investors".

The amicable settlement on the ECRL is important for Chinese companies as they do not want to have their own investments suffer suspension like ECRL, which Malaysia at one point wanted to scrap.

During his four-day trip to China

Renewed partnership:

Dr Mahathir and wife Tun Dr Siti Hasmah Mohd Ali meeting Xi and his wife Peng Liyuan at the Diaoyutai State Guest House in Beijing last year. During his four-day trip to China next week, Dr Mahathir is scheduled to meet Xi again for bilateral talks.

cooperation projects," Zhang Yunling, director of the Chinese Academy of Social Sciences' Institute for International Studies, told the *Global Times* last Monday.

As the BRI is a new development model, it is "understandable that adjustments are needed to make projects better conform with local conditions in other countries", he added.

While Dr Mahathir openly envisioned a modern revival of the ancient Silk Road for Asia's resurgence in Tsinghua University in 1985 and is an advocate of BRI, "he is no one's show horse", opines Professor Khoo.

"As he had done so many times before, he will criticise the protectionist tendencies, trade disputes, and geopolitical tensions that burden the current global situation. More than ever before, he will 'speak truth to power' with his refurbished authority as a venerable elder statesman."

"Neither China nor the BRI will stop this old Asian nationalist with non-aligned convictions from rallying disadvantaged and vulnerable states to find a unified voice to protect their common interests in difficult times," says the academic.

From Malaysia's perspective, participation at the BRI summit/forum also implies that the country will not let go the massive global trade and economic opportunities in the BRI programmes, which can run up to US\$5-6 trillion (RM21-25 trillion) in investments.

As the economic growth of Malaysia is expected to slow, it is important for the government to bring in investments that could spur economic activity.

Indeed, Malaysia can ill afford to ignore China - its largest trading partner and major investor.

Last year, bilateral trade hit a new record high at US\$108.6bil (RM445bil), according to the Chinese Embassy.

Manufacturing investments from China stood at RM20bil last year, or about one third of the total inbound industrial FDI for Malaysia.

According to Bai Tian, China is encouraging its enterprises to buy more palm oil and palm oil products this year in response to Malaysia's request at the conclusion of the ECRL deal.

The top envoy repeated on Thursday "there is no ceiling" to the purchase of the commodity, the position China took when Malaysia-China relations hit their peak during the rule of former premier Datuk Seri Najib Razak.

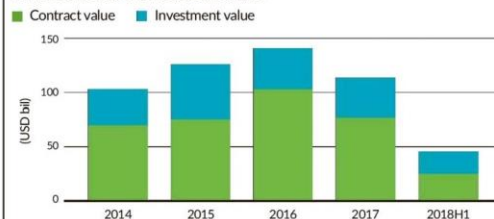
Last year, Malaysia exported 3.07 million tonnes of palm oil and palm products with a total value of RM8.38bil to China.

The current improved sentiment towards Malaysia could filter down to tourism.

Li expects Chinese tourists to swell to 3.5 million to 4.0 million this year, up from 2.94 million last year, with the feel-good factor after the ECRL deal. He expects the figure to hit five million in 2020.

But Malaysia must now seize the opportunity to lure China's first-time outbound travellers, set to surge exponentially due to Beijing's relaxation on passport application rules for the whole continent beginning this month.

Chinese-led new contracts and direct investments in BR countries*



*The chart covers around 80 BR countries and contract value data from Chinese Investment Tracker by American Enterprise Institute and the Heritage Foundation. BRI contract value could include funding from China and others.

Source: Moody's Investors Service

starting from April 24, Dr Mahathir is scheduled to meet with President Xi and Premier Li Keqiang separately for bilateral talks.

International Trade and Industry Minister Darrell Leiking; Transport Minister Anthony Loke Siew Fook; and Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin will accompany the PM on his trip to China.

The PM will attend the opening ceremony of the summit by President Xi on April 26, and deliver a speech at the top leaders' roundtable discussion on the same day.

The Malaysian leader will also speak at a high-level BRI meeting the following day.

He is expected to share his positive views on BRI concept and critical assessment of BRI projects, and guidance on future roadmap.

Although Dr Mahathir is critical of some BRI projects, he was the first head of government to accept Xi's invite to the Summit.

In fact, he has continued to air support for the initiative amid warnings from the US to developing nations of China's "debt-trap" diplomacy.

Launched in 2013 by Xi, the BRI aims to create an economic land belt that includes countries on the original Silk Road through Central Asia, West Asia, the Middle East and Europe, as well as a maritime route that links China's ports with those in South-East Asia, Africa and the Mediterranean.

The early beneficiaries of this ambitious plan were the least-developed nations in Africa and Asia, but it also means they are now in heavy debt.

While some countries argue that China is the only country willing to extend a helping hand in building costly infrastructure to help in their economic development, Sri Lanka's experience in ceding ownership of a port to China has sparked alarm and sent shock waves.

Against this backdrop, Malaysia's valuable experience in rewriting a deal with the world's second largest economy could be a timely case study.

"Mahathir is attending the BRI forum as the head of a BRI partner state and not as an opponent of Xi Jinping's 'Chinese Dream'."

"His hosts can point to Mahathir's participation as evidence of pragmatic and flexible cooperation between China and its partner states in BRI implementation," says Dr Khoo Boo Teik, a professor at Tokyo's National Graduate Institute for Policy Studies.

The new ECRL deal can be seen as showing the China's willingness to address debt and corruption issues in BRI projects, and to make adjustments and concessions accordingly.

Chinese experts say it will provide a valuable experience for China.

"We can use the Malaysian experience to help deal with future

LAMPIRAN 14
THE STAR (NATION): MUKA SURAT 4
TARIKH: 21 APRIL 2019 (AHAD)

PM: Vital to conserve environment

Being a developed nation means nothing if country is polluted, says Dr M

By HEMANANTHANI
SIVANANDAM and MEI MEI CHU
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KUALA LUMPUR: Efforts to become a developed nation will be futile if the environment is not conserved, said Tun Dr Mahathir Mohamad. The Prime Minister said the country had seen the impact of disorganised development that were merely profit driven.

"We need to realise that our effort to become a developed nation will not be achieved or recognised if all we can see are tall skyscrapers but our rivers are polluted, forests are barren and the air we breathe is polluted.

"In other words, we will only be a successful developed nation when we are capable of ensuring that the conservation and preservation of the environment is in tandem with physical development," he said in his speech at the Taman Tugu Earth Day celebration here yesterday.

Also present were Tun Dr Siti Hasmah Mohd Ali; Economic Affairs Minister Datuk Seri Azmin Ali; Water, Land and Natural Resources Minister Dr A. Xavier Jayakumar; Federal Territories Minister Khalid Samad; Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin; and Deputy Women, Family and Community Development Minister Hannah Yeoh as well as other prominent guests.

Dr Mahathir said Earth Day, which was first celebrated world-



Go green: Dr Mahathir and Dr Siti Hasmah posing with attendees of the Earth Day celebration at Taman Tugu Nursery in Kuala Lumpur.

wide in the 1970s, was to emphasise the importance for everyone to conserve the environment.

"Conserving and preserving the environment is both an individual and collective responsibility and it must be continued regard-

less," he said.

He said that the Earth Day celebrated at Taman Tugu, a 26.7ha park located in the heart of the capital city, was proof of the Pakatan Harapan government's commitment towards ensuring sustainable

development in line with environment conservation.

Dr Mahathir said about 4,000 types of rainforest trees were planted around Taman Tugu, adding that celebrating this year's Earth Day here was meaningful and symbolic.

He said the Taman Tugu project was also an effort to produce more nature lovers through educational programmes conducted here over the weekend.

Since the park opened its doors to public in August last year, Taman Tugu has attracted over 30,000 visitors from local and abroad.

"I am sure that every visitor here can bring back the same message to their family and friends on the importance to conserve and protect the nature.

"I believe that this will further increase their awareness and will become a spontaneous act which does not require campaigns and reminders on conserving the environment," Dr Mahathir said.

The Taman Tugu project is a non-profit corporate social responsibility initiative by Khazanah Nasional Bhd with the support of various public, private and civil society organisations and sectors.

There are two components to the project which is Taman Tugu, where a 26.7ha of green lung is conserved in the heart of Kuala Lumpur and turning it into an urban forest park for the community, as well as the National Public Trust, which is a public trust to own, manage and protect Taman Tugu and other potential assets of heritage value.

Watch the video
thestartv.com



LAMPIRAN 15 THE STAR (NATION): MUKA SURAT 2 TARIKH: 21 APRIL 2019 (AHAD)

Logging near water catchment

Approval given by Kedah govt despite no EIA report

By R. SEKARAN
rsekarani@thestar.com.my

ALOR SETAR: Logging has been spotted near one of the four major dams in Kedah, triggering concerns that such activities so close to the lake could dry up its tributaries and affect the water catchment area.

Ironically, it is just 28km away from the Ulu Muda Forest Reserve where logging is banned since September last year to protect the vast jungle there.

A trail of logging activities has been spotted in Bukit Keramat in the Kuala Nerang district, revealing a bare hill close to the Ahning Dam. It is just about 2km away from the Ahning Lake, which is a catchment area.

The logging activity appears to have been carried out discreetly deep in the forest area around 4km from the Durian Burung Road, which has no villages or commercial entities.

The only entry to the hill is a small dusty road that makes into several parts of the hill where the logging is carried out.

Photographs and videos captured by drones showed lorries carrying felled logs in and out of the hills continuously to a nearby logging depot.

State Forestry Department deputy director Abd Ramli Zayyahudin Mahli told *The Star* that the state government gave approval to log 1,400ha of the forest reserve land in Aug 1, 2017.

Star Exclusive

"A total of 700ha was logged over the last few months and work is going on at another 700ha," he said, using the term *cuci mangkuk*, which means total felling.

He said the logging was only done now even though the approval was given more than 20 months ago due to the change of government, which delayed the work.

Asked how could it be carried out near a catchment area without an Environmental Impact Assessment (EIA) report, Abd Ramli Zayyahudin said the department only issued the licence to the logging concessionaire while the EIA came under the Department of Environment (DoE).

"The land has been converted from a forest reserve and re-zoned as development."

"Anyway, it's a state directive, which we followed," he added.

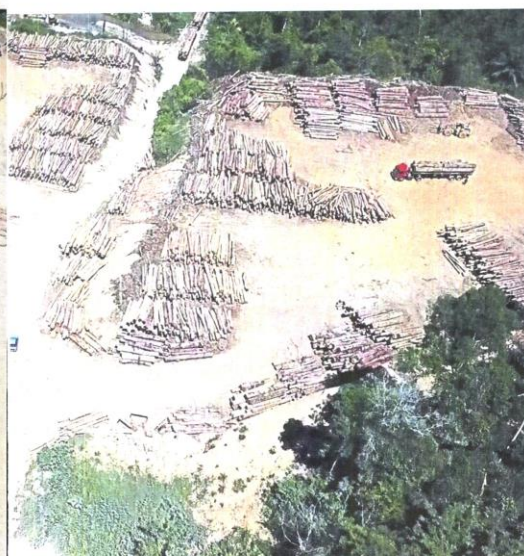
State DoE director Mulhabbah Selamat said no application was made for the 1,400ha logging in Bukit Keramat and the department was powerless to do anything with a three-man team.

"We are not into enforcement as this is only done by the Forestry Department," she added.

Under the EIA Order of 2015, it



Barren space: An aerial photo showing ongoing logging activity at a logging depot near Ahning Lake in Kuala



Nerang, Kedah.

states an EIA report is needed for logging or cutting, or taking of timber for the purpose of conversion of forest to other land use that covers an area of 500ha or more, or logging or conversion of a forest to other uses within a catchment area of reservoirs used for municipal water supply, irrigation or hydropower. When contacted, State Works,

Water Supply and Water Resources Committee chairman Zamri Yusof and State Environment, Science and Technology Committee chairman Simon Ooi said they did not have any details on the case.

In January last year, a staggering 500ha of timber land was logged within the Bukit Enggang forest reserve in Sik without an EIA.

Logging activities in a 1,700ha area were also found in Rimba Teloi Forest Reserve in Sik, Gunung Bongu in Kulim and Gunung Inas in Baling in December last year.

Watch the video thestarv.com



LAMPIRAN 16
MINGGUAN MALAYSIA (DALAM NEGERI): MUKA SURAT 69
TARIKH: 21 APRIL 2019 (AHAD)



SAIFUDDIN ABDULLAH mendengar penerangan oleh seorang pekerja Lynas ketika melawat kilang itu di Gebeng, Kuantan, Pahang semalam. - UTUSAN/MOHAMAD SHOFI MAT ISA

Perdebatan bukan soal nadir bumi

Oleh **MOHAMAD SHOFI MAT ISA**
pengarang@utusan.com.my

KUANTAN 20 April -Perdebatan berhubung kilang Lynas Corporation Ltd. (Lynas) di Gebeng di sini bukan soal nadir bumi kerana semua pihak mengetahui kebaikan bahan mineral itu.

Ahli Parlimen Indera Mahkota, Datuk Saifuddin Abdullah berkata, menerusi kefahamannya, perdebatan adalah berhubung aspek saintifik iaitu kandungan bahan radioaktif dan keselamatan kilang memproses nadir bumi itu.

“Perdebatannya adalah melibatkan soal selamat atau tidak kilang itu. Adakah mengandungi kandungan radioaktif yang tinggi atau rendah, semuanya melibatkan aspek saintifik.

“Pandangan saya, pihak yang terlibat dalam hujahan saintifik membabitkan kilang memproses nadir bumi ini memerlukan perdebatan sihat bagi mencari penyelesaian berhubung isu kilang berkenaan,” katanya dalam sidang akhbar selepas menghadiri sesi taklimat dan melawat kilang Lynas di Kawasan Perindustrian Gebeng hari ini.

Saifuddin berkata, sebagai wakil rakyat di Indera Mahkota, beliau perlu terlibat dan mengetahui tadbir urus Lynas.

Bagaimanapun katanya, untuk menyatakan perkembangan berhubung kilang berkenaan, peranan berbuat demikian terletak pada Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin.

LAMPIRAN 17
BERITA HARIAN (BH AHAD): MUKA SURAT 2
TARIKH: 21 APRIL 2019 (AHAD)



Dr Mahathir dan Dr Siti Hasmah menyiram pokok tualang sebagai simbolik sambutan Hari Bumi Sedunia di Taman Tugu, Kuala Lumpur, semalam.

Pembangunan seimbang capai status negara maju

➔ Kesedaran pulihara alam perlu dijadikan tanggungjawab secara kolektif, berterusan

Oleh Mohd Iskandar Ibrahim
mohd_iskandar@bh.com.my

► Kuala Lumpur

Tun Dr Mahathir Mohamad berkata, Malaysia hanya akan berjaya menjadi negara maju apabila dapat memastikan pembangunan fizikal seimbang dengan pemuliharaan alam semula jadi.

Perdana Menteri berkata, kesedaran memulihara alam perlu dipupuk dan dijadikan tanggungjawab secara

kolektif serta berterusan.

"Kita sudah melihat kesan akibat pembangunan tidak teratur dan hanya menekankan faktor keuntungan semata-mata.

Penting pulihara alam sekitar

"Kita perlu sedar bahawa usaha menjadi sebuah negara maju tidak akan tercapai dengan hanya bangunan pencakar langit tetapi sungai tercemar, hutan menjadi tanah tandus dan udara dicemari.

"Kita hanya akan berjaya (menjadi negara maju) apabila berupaya memastikan pembangunan negara beriringan dengan pemuliharaan alam semula jadi dan kehijauan kawasan persekitaran," katanya ketika berucap menyempurnakan sambutan Hari Bumi Sedunia di Taman Tugu, di sini, semalam.

Yang turut hadir, isteri Perdana Menteri, Tun Dr Siti Hasmah Mohd Ali; Menteri Hal Ehwal Ekonomi, Datuk Seri Mohamed Azmin Ali; serta Menteri Tenaga, Sains, Teknologi,

Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin.

Dr Mahathir berkata, mesej Hari Bumi amat jelas, iaitu perlu mengekalkan dan memulihara alam semula jadi di samping melaksanakan pembangunan negara.

"Hari Bumi sebagaimana kita tahu adalah acara tahunan yang disambut di seluruh dunia pada 22 April. Ia adalah hari untuk orang ramai meraikan planet Bumi dan menekankan betapa pentingnya kita semua memelihara alam semula jadi untuk generasi akan datang," katanya.

Mengulas mengenai Taman Tugu pula, Dr Mahathir berkata taman rimba seluas 26.7 hektar itu wujud sebagai bukti komitmen negara memastikan pembangunan dilaksanakan seimbang dengan alam sekitar.

"Saya difahamkan ada kira-kira 4,000 pokok Hujan Asli Malaysia ditanam di sekitar Taman Tugu. Oleh itu, pemilihan Taman Tugu sebagai lokasi sambutan Hari Bumi amat bermakna," katanya.

LAMPIRAN 18
HARIAN METRO (SETEMPAT): MUKA SURAT 12
TARIKH: 21 APRIL 2019 (AHAD)

12

setempat

21-04-20

BERNAMA

Kuala Lumpur

Malaysia tidak akan berjaya sebagai negara maju jika gagal mengimbangi pembangunan fizikal dengan pemeliharaan alam semula jadi dan mengekalkan persekitaran sedia ada.

Perdana Menteri Tun Dr Mahathir Mohamad berkata, memelihara alam dan persekitaran semula jadi untuk generasi hari ini dan akan datang adalah tanggungjawab persendirian serta kolektif dan tanggungjawab itu perlu dilaksanakan secara berterusan dalam apa keadaan sekalipun.

"Kita sudah melihat kesan akibat daripada pembangunan tidak teratur dan hanya menekankan faktor keuntungan semata-mata.

"Perlu kita sedari, usaha kita untuk menjadi negara maju tidak akan tercapai atau diiktiraf jika apa yang boleh kita perhatikan adalah bangunan pencakar langit tetapi sungai tercemar," katanya berucap pada sambutan Hari Bumi di Taman Tugu, di sini, semalam.

Dr Mahathir diiringi Tun Dr Siti Hasmah Mohamad Ali.

Turut hadir, Menteri Hal Ehwal Ekonomi Datuk Seri Mohamed Azmin Ali, Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar Yeo Bee Yin, Menteri Wilayah Persekutuan Khalid Abd Samad dan Menteri Air, Tanah dan Sumber Asli Dr A. Xavier Jayakumar.

Mengulas sambutan Hari Bumi atau dikenali Earth Day

DR Mahathir bersama ahli Kelab Pencipta Alam pada sambutan Hari Bumi di Taman Tugu, semalam.



DR Mahathir dan isteri, Dr Siti Hasmah menyiram pokok tuaiang sebagai simbolik sambutan Hari Bumi.

TAK MAJU JIKA UDARA TERCEMAR

■ Pembangunan fizikal perlu seimbang pemuliharaan alam semula jadi: PM

yang disambut pada 22 April setiap tahun, Dr Mahathir berkata, "kesedaran dalam menjaga alam sekitar perlu diterapkan dan dikongsi semua lapisan masyarakat.

Katanya, sambutan Hari Bumi yang diadakan di Taman Tugu, sebuah taman rimba seluas 26.7 hektar yang terletak di tengah pusat bandar raya Kuala Lumpur juga simbolik yang menunjukkan komitmen kerajaan dalam memastikan pembangunan fizikal yang seimbang dengan pembangunan alam sekitar.

"Taman Tugu wujud se-

bagai bukti kepada komitmen kita untuk memastikan pembangunan yang seimbang iaitu pembangunan fizikal yang beriringan dengan pemeliharaan alam sekitar. Saya difahamkan, bahuwa 4,000 pokok hutan hujan asli Malaysia ditanam di sekitar Taman Tugu.

"Ini tambahan kepada 1,000 pokok asal di sini yang terpelihara. Kerana itu pemilihan tapak Taman Tugu untuk sambutan Hari

Bumi pada tahun ini cukup bermakna dan amat simbolik," katanya.

Projek Taman Tugu juga bertujuan melahirkan lebih ramai pencinta alam menerusi program pendidikan awam yang dijalankan khusus pada hujung minggu, katanya.

"Saya turut diberitahu bahawa sejak dibuka kepada orang ramai pada Ogos tahun lalu, Taman Tugu me-

narik 30,000 pengunjung dari dalam dan luar negara.

"Pastinya, jika setiap pengunjung yang datang ke Taman Tugu membawa balik mesej yang sama kepada ahli keluarga dan rakan taulan masing-masing mengenai pentingnya memelihara alam sekitar dan memper-tahankan kawasan hijau, saya percaya peningkatan kesedaran itu akhirnya menjadi sesuatu yang spontan dan tidak lagi perlu kepada sebarang kempen dan peringatan," kata Dr Mahathir.

Antara program diadakan sempena sambutan Hari Bu-

mi ialah jelajah rimba berpandu, bengkel berbasikal, zumba dan persembahan artis terkenal Zainal Abidin.

Projek Taman Tugu adalah inisiatif tanggungjawab sosial korporat Khazanah Nasional Berhad dengan sokongan beberapa kementerian dan agensi kerajaan, syarikat swasta dan badan bukan kerajaan.

Setakat ini, 16.18 hektar daripada keseluruhan 26.7 hektar termasuk denai rimba sepanjang empat kilometer dibuka kepada orang ramai secara percuma setiap hari bermula jam 7 pagi sehingga 6.30 petang.

Baki kawasan 10.52 hektar lagi akan dibangunkan dengan tapak perkhemahan, ruang acara, surau Jumaat dan kuil Hindu yang akan dibuka secara berperingkat bermula tahun ini hingga awal tahun depan.

Tapak Taman Tugu akan diserahkan kepada Amanah Warisan Negara (AWAN) untuk diurus dan dilindungi sebagai kawasan hijau awam.

FAKTA

Projek Taman Tugu juga bertujuan lahir lebih ramai pencinta alam

LAMPIRAN 19
NEW STRAITS TIMES (LETTERS): MUKA SURAT 50
TARIKH: 20 APRIL 2019 (SABTU)

QUESTION OF ACCOUNTABILITY

IT'S A NO-NO FOR PIL 1

ON June 9, 2014, Yeo Bee Yin, who was then a state assemblyman in Selangor, wrote in *The Rocket* (DAP newspaper), that if Kidex (Kinrara-Damansara Expressway) were to be built, it would cost RM2.4 billion or RM161 million per km making it the most expensive highway in Malaysia.

According to the data provided, the most expensive highway then was the RM751 million Ampang-Kuala Lumpur Elevated Highway at RM95 million per km.

The DAP was dead set against Kidex because "it cuts across mature townships incurring the highest construction cost per km".

But on Sept 20, 2018, Yeo, now the Energy, Technology, Science, Climate Change and Environment Minister, attended a 800-strong townhall in Penang.

The event heard presentations by the consultants on the Detailed Environmental Impact Assessment (DEIA) report of the Pan Island Link 1 (PIL 1), as well as public feedback.

The Penang Forum submitted detailed feedback regarding concerns over PIL 1 and over 2,000 letters on the DEIA report to Yeo.

Before the event ended, Yeo said that development must be balanced with the environment, and a hard decision was needed.

Instead of reassuring the crowd that decisions would be made on the basis of facts and evidence, i.e. evidence-based policy, she referred to Prime Minister Tun Dr Mahathir Mohamad's advice that the best decision was one that would please no one.

She also assured the crowd that she believed no one on the stage was on the take.

Penang Forum did not receive any feedback from the Department of Environment for six months. When Penang Forum wrote to inquire, it received a brief note in March to say the project was under review.

On April 14, it was announced in newspapers that the PIL 1 project had received conditional approval with 56 conditions attached. There was no public engagement in this process. The public is in the dark about those 56 conditions.

In 2014, DAP and Yeo asked for transparency. Now that they are in a position of power to make and implement those decisions, they must practice what they preach.

What do other DAP leaders have to say about the PIL 1? They sing praises about the need for PIL 1. Politicians have short memories.

On May 29, 2012, Chow Kon Yeow, who was then an opposition member of parliament, said: "If



Chow Kon Yeow says the Pan Island Link 1 can ease traffic congestion.
 FILE PIC

the findings of the Halcrow Report is true, Dr Koh (Dr Koh Tsu Koon) would be irresponsible in pushing the PORR (Penang Outer Ring Road) through as this will not be a long-term solution to the traffic congestion on the island."

This was underscored by Lim Kit Siang who said what Penang needed was an efficient public transport system based on a sustainable transport policy.

PORR is the precursor to PIL 1. It shares almost the same alignment except that PIL 1 is longer than PORR. Just as the Halcrow consultants warned that PORR will not solve traffic congestion

after five to eight years, the consultants for the PIL 1 DEIA report gave the same warning. They said congestion would return seven years after PIL 1 was completed.

Why are these politicians who are now in a position of power reneging on their earlier positions?

Why are they not making decisions based on evidence? This is supposed to be a new government that heralds hope. We need to hold them accountable.

DR LIM MAH HUI

Former professor, banker and Penang Island city councillor

LAMPIRAN 20
NEW STRAITS TIMES (NEWS): MUKA SURAT 12
TARIKH: 21 APRIL 2019 (AHAD)

Acidity tests to be conducted on soil, water

KUALA LANGAT: Selangor has ordered the state Department of Environment (DoE) and the Selangor Water Management Board (Luas) to conduct acidity tests on the soil and underground water surrounding Kampung Jenjarom following what appears to be illegal discharge of chemical by a battery manufacturing factory here.

The tests are to determine the level of acid illegally released by the factory, which started operating in 2014 and was alleged to have no proper disposal method at its premises in Jalan Sukepi in Jenjarom Industrial Area.

Apart from that, the factory is alleged to have violated the laws as its business operating licence allowed it to fill only acid into batteries.

However, it was found to have illegally conducted plumbum melting activities, which causes air pollution through the discharge of lead fumes and dust, as well as recycling of batteries, which breaches the condition of

operating in a medium industrial zone.

The situation was compounded after its plumbum melting equipment was destroyed in a fire in December 2017.

On Jan 30, the Kuala Langat District Council and the DoE sealed the factory and equipment. Its business operating licence was subsequently cancelled on March 15.

Selangor Environment, Green Technology and Consumer Affairs Committee chairman Hee Loy Sian said the tests would take two weeks.

"The acid reading at this surrounding area may be high and it could have happened either because of the illegal discharge by the factory or due to the cracks on the plumbum melting equipment during the fire.

"We believe acid has seeped into the soil and into the underground water, which caused the surrounding streams to be acidic. So we need to investigate this."

Hee said this yesterday after a

meeting with the factory representatives and a visit to the premises, which has been sealed.

Present was Selangor DoE director Shafe'ee Yasin.

Hee said the Selangor government would take action against the factory if it was found to have polluted the environment.

The acidity results from DoE and Luas were important, Hee added, as it would determine the state government's next course of action.

Hee said the factory adhered to the stipulated regulations until the fire incident in December 2017.

"Prior to that, only acid-filling activities were carried out. After the fire and upgrading works on the premises, they included plumbum melting as part of its operations as well as battery recycling, and we do not allow that."

He said the factory would have to move out of the industrial area if it continued to disregard the regulations.



Selangor Environment, Green Technology and Consumer Affairs Committee chairman Hee Loy Sian (left) inspecting a contaminated drain during a visit to the factory's premises in Kuala Langat yesterday.

"The land office has been notified and I have asked the DoE to monitor the situation. On whether the business operating licence will be given back to the factory, it depends on the DoE's recommendation," said Hee.

Shafe'ee said the soil and underground water samples had been taken and would be sent to the Department of Chemistry to be tested.

"Activities relating to the melt-

ing of plumbum need to be part of the Environmental Impact Assessment report (EIA). If there is no EIA report, we will take action against the factory under the Environmental Quality Act 1974 and if found guilty, offenders are punishable to a fine of RM500,000 or a five-year jail term, or both."

Shafe'ee said the investigation paper would be submitted to the Selangor deputy public prosecutor for further action.

LAMPIRAN 21

HARIAN METRO (SETEMPAT): MUKA SURAT 16

TARIKH: 20 APRIL 2019 (SABTU)



HEE (kiri) membuat tinjauan di kawasan kilang bateri yang menyebabkan pencemaran di sekitar Kampung Jenjarom.

Kilang bateri diberi tempoh baiki rekahan

Banting: Kerajaan negeri mengarahkan Jabatan Alam Sekitar (JAS) negeri dan Lembaga Urus Air Selangor (LUAS) menjalankan ujian keasidan tanah dan punca air bawah tanah di sekitar Kampung Jenjarom di sini.

Ujian selama dua minggu itu susulan pembebasan bahan kimia secara haram oleh sebuah kilang bateri yang beroperasi di kawasan berkenaan.

Pengerusi Jawatankuasa Tetap Alam Sekitar, Teknologi Hijau, Sains, Teknologi dan Inovasi dan Hal-Ehwal Pengguna negeri Hee Loy Sian berkata, penduduk setempat sebelum ini mengadu mengenai tahap asid yang tinggi di luar kawasan kilang itu walaupun bacaan pada paras tidak membimbangkan.

"Bacaan terkini di kawasan pelepasan pada kadar 6.0 dan ia cukup baik. Mungkin juga kadar bacaan di sekitar kilang tinggi ekoran daripada rekahan yang berlaku ketika kebakaran dan asid sudah menyerap ke dalam air bawah tanah.

"Kita akan menjalankan kajian selama dua minggu untuk memastikan sama ada tahap bacaan asid masih tinggi seperti yang didakwa.

"Selain itu, pengurusan kilang berkenaan bersetuju merobohkan tempat peleburan plumbum namun tidak boleh berbuat demikian ketika ini kerana masih disita," katanya selepas mengadakan lawatan ke kilang itu semalam.

Turut hadir Pengarah JAS negeri Shafe'ee Yasin.

Kata Loy Sian, pengurusan kilang itu sudah diarah membaiki rekahan dikesan pada kawasan pelepasan sisa di premis terbabit susulan tindakan sitaan oleh Majlis Daerah Kuala Langat (MDKL) dan JAS pada Januari lalu, manakala lesen-nya dibatalkan 15 Mac lalu.

"Pemilik kilang itu juga tidak dibenarkan meneruskan aktiviti peleburan plumbum dan kitar semula bateri berikutan ia melanggar syarat lesen operasi ditetapkan.

"Kami dapati kilang yang beroperasi di kawasan industri sederhana ini hanya dibenarkan menjalankan kerja pengisian asid ke dalam bateri. Namun, kilang itu turut melakukan peleburan plumbum dan disita sejak 30 Januari lalu," katanya.

Shafe'ee pula berkata, sampel tanah dan air bawah tanah sudah diambil pihaknya dan akan dihantar ke Jabatan Kimia untuk dianalisis.

"Perlu ada Laporan Penilaian Kesan Alam Sekitar (EIA) bagi aktiviti peleburan plumbum. Jika laporan itu tiada, tindakan boleh diambil terhadap pemilik kilang mengikut Akta Alam Sekitar 1974.

"Kita dalam proses akhir untuk melengkapkan kertas siasatan dan akan mengemukakan kepada Timbalan Pendakwa Raya," katanya.

Sementara itu, penduduk, Dahlia Tahiri, 56, berkata, keluarganya bimbang dengan tahap kebersihan udara serta air di kawasan sekitar berikutan kewujudan kilang berkenaan.

FAKTA
Pengurusan kilang berkenaan setuju robohkan tempat peleburan plumbum

LAMPIRAN 22
NEW STRAITS TIMES (NEWS): MUKA SURAT 12
TARIKH: 20 APRIL 2019 (SABTU)

BATTERY MANUFACTURING FACTORY

KG JENJAROM **FOLK ALARMED** **BY POLLUTION**

Deteriorating quality of water, land and air due to factory operations not safe for children, they claim

DAWN CHAN
KUALA LANGAT
 cnews@nstp.com.my

KAMPUNG Jenjarom resident Salmiah Parita is used to having her two grandchildren over at her home during the weekends, where they would spend quality time and catch up over family matters.

However, that changed over the last few months as the grandmother had advised them against coming home, due to pollution believed to have been caused by a

battery manufacturing factory in Jalan Sukepi in the Jenjarom Industrial Area.

"I miss having my grandchildren at my house but what can I do? I do not want them to be exposed to the pollution. The air is no longer clean here due to the lead fumes, and the soil has become more acidic. It is no longer safe for them to play around here any more."

"Instead of them coming over, I now make the more than one hour journey to their house in Puncak Alam. It is much better there," said Salmiah, who was born and raised in Jenjarom.

She added that she was not only feeling the heartache of missing her grandchildren, but also had been experiencing poor health since the factory began its operations.

Salmiah, 63, said the land where the factory was located was vacant previously. The factory was built in 2011.

With her house less than 100m away from the factory, Salmiah said she was confident that it had complied with the rules and regulations.

"Since the water, land and air was polluted, my health has deteriorated. I have been suffering from prolonged cough, flu and fever. My throat is sore. Even my husband has been feeling unwell of late."

"The authorities must ensure the factory is closed and moved elsewhere. Our health is at great risk," said Salmiah.

Echoing Salmiah was her neighbour, Dahlia Tahiri, 56, who is also concerned as she had been having coughing bouts lately.

"I am worried about the health and wellbeing of children who attend Tadika Hidayatul Ummi and SMK Jenjarom. Both schools are less than 300m from the factory."

"I have asked my grandchildren, aged 5 and 3, to refrain from playing near the drains and outside our home as the soil may be contaminated. I have also told

them to stay indoors because of the polluted air," she added.

Dahlia said the Selangor government should ensure the factory was shut down and not allowed to operate in other states too, as it posed a health hazard.

Salmiah and Dahlia were part of a 100-strong crowd who held a peaceful protest in front of the factory in Jalan Sukepi.

Led by village representative Nazri Afrizal, the villagers held up placards that read "Say No to Lead Poisoning" and "We are not Lab Rats".

Nazri expressed his disappointment in not being allowed to meet Selangor Environment, Green Technology and Consumer Affairs Committee chairman Hee Loy Sian and factory representatives.

"I do not know why I was barred because all I wanted to do was share my views and the worries of some 6,000 kampung folk here."

"The law requires a buffer zone of 500m between a chemical factory and a residential area, but this was clearly not adhered to."

The two schools are just 200m away. The factory should cease operations immediately as it had admitted in a dialogue recently to not having a proper drainage system in its premises.

"We do not want the younger generation to be affected. The health risks and side effects cannot be seen now. It takes time and we have to act fast," he said.

Nazri handed a petition signed by more than 100 residents calling for the factory's approval to be reviewed and its premises to be moved to a heavy industrial zone.

Kuala Langat Environmental Action Group member Pua Lay Peng said water samples taken from the drains in front of the factory showed its lead content was almost five times higher than the acceptable limit of 0.5 parts per million (PPM).

She urged the Department of Environment to immediately implement measures to prevent further contamination of groundwater.



Residents protesting outside the battery manufacturing factory in Kuala Langat yesterday. PIX BY ROSLIN MAT TAHIR

LAMPIRAN 23
UTUSAN MALAYSIA (FORUM): MUKA SURAT 17
TARIKH: 20 APRIL 2019 (SABTU)

Jangan tunggu lebih banyak kerosakan alam sekitar

SAUDARA PENGARANG,

KEJADIAN pencemaran Sungai Kim Kim, Pasir Gudang baru-baru ini memberikan seribu satu iktibar untuk Malaysia terus mengorak langkah dalam pembangunan yang semakin pesat. Pertubuhan Bangsa-Bangsa Bersatu (PBB) telah memperkenalkan konsep Pendidikan untuk Pembangunan Lestari (ESD) seawal 1983 kerana menyedari pembangunan tidak dapat dielakkan tetapi boleh dilakukan dengan kaedah yang lebih lestari jika meletakkan pendidikan sebagai kuncinya.

Pada 2015, ESD diperkasakan dengan memperkenalkan 17 Matlamat Pembangunan Lestari (SDG) yang perlu dicapai menjelang 2030 supaya dunia mengekalkan keseimbangan dalam tiga aspek sosial, ekonomi dan alam sekitar walaupun mengalami pembangunan yang pesat. Tujuan ESD adalah untuk memberikan pendidikan kepada semua pihak dari peringkat sekolah hingga kerajaan.

Dalam hal ini, Kementerian Pendidikan memperkenalkan Pendidikan Alam Sekitar sejak 1985 tetapi pelaksanaannya amat bergantung kepada pengetahuan guru sekolah terhadap isu alam sekitar.

Pada 2014, Wilayah Iskandar Malaysia telah diiktiraf sebagai RCE Iskandar (*Regional Centre of Expertise on ESD*) oleh *United Nations University* (UNU). Sekretariat RCE Iskandar adalah Universiti Teknologi Malaysia



SEKOLAH yang terjejas teruk akibat pencemaran toksik terletak berhampiran dengan Sungai Kim Kim. - GAMBAR HIASAN/UTUSAN

(UTM) dan Pihak Berkuasa Pembangunan Wilayah Iskandar (IRDA). RCE Iskandar telah menjalankan pelbagai usaha bagi mendidik masyarakat khususnya pelajar tentang kepentingan penjagaan alam sekitar melalui program seperti *Iskandar Malaysia Ecolife Challenge* (IMELC).

Pada masa sekarang, tindak balas segera untuk mengatasi pencemaran Sungai Kim Kim sedang diambil oleh pelbagai pihak, namun pendidikan kelestarian harus dilihat untuk mengatasi isu ini. Ini kerana 29 daripada 51 sungai paling tercemar yang disenaraikan oleh **Jabatan Alam Sekitar** pada 2017 ada di Johor. Ia sekali gus memberi indikasi kepada perlunya pendidikan kesedaran yang lebih hebat.

Pelan Tindakan Pendidikan Kelestarian Johor 2019-2023 juga haruslah mendapat sokongan

padu demi melahirkan generasi baharu yang bukan sahaja prihatin kepada penjagaan alam sekitar, malahan mengambil tindakan bagi mengekang kerosakan dan memulihara alam sekitar.

Manalah tahu, Johor bakal melahirkan seorang aktivis muda seperti Greta Thunberg dari Sweden yang kini menjadi calon Hadiah Keamanan Nobel kerana memimpin perjuangan daripada lapisan anak muda untuk menyedarkan para pemimpin dunia supaya mengambil tindakan mengekang perubahan iklim. Dan mungkin aktivis itu ada dalam kalangan pelajar yang sedang dirawat di Hospital Sultan Ismail. Semoga diberikan kesembuhan dan bangkit melakukan sesuatu kelak.

PROF. MADYA DR. FATIN ALIAH PHANG
UTM

LAMPIRAN 24
HARIAN METRO (1KLASSIFIEDS): MUKA SURAT 83
TARIKH: 20 APRIL 2019 (SABTU)

Kerjasama Industri UniKL MESTECH & 3M Seremban

Melalui Aktiviti Tanggungjawab Sosial Korporat

Community



UNIVERSITI KUALA LUMPUR, Institute Teknologi Sains Perubatan (UniKL MESTECH) dan Syarikat 3M Seremban (Malaysia) Sdn Bhd telah menganjurkan aktiviti "Beach Clean Up" di Pantai Cermin, Port Dickson, Negeri Sembilan pada April 13. Aktiviti tanggungjawab sosial korporat (CSR) ini adalah cetusan idea Jurutera Kanan (Keselamatan, Alam Sekitar dan Kesihatan) 3M Seremban, Puan Khadijah Elias. Inisiatif ini sejajar dengan keperluan semasa untuk menggalakkan kesedaran masyarakat terhadap langkah-langkah menjaga alam sekitar. Aktiviti ini turut mendapat sokongan penuh daripada Majlis Perbandaran Port Dickson dan SWCorp cawangan Port Dickson.

Seramai 90 orang sukarelawan terdiri daripada kakitangan dan mahasiswa UniKL MESTECH serta kakitangan 3M Seremban telah terlibat membersihkan Pantai Cermin sepanjang 1.5 kilometer. Antara sisa yang paling banyak dikumpulkan adalah sisa plastik, bekas polisterin dan puntung rokok. Semua sisa yang dikutip, telah dikumpulkan dan diangkut oleh pihak SWCorp Port Dickson selepas tamat aktiviti.

Para sukarelawan daripada UniKL MESTECH dan 3M Seremban

Selain itu, pameran pendidikan berkaitan pencemaran pantai turut dijalankan oleh para mahasiswa UniKL MESTECH. Pameran menekankan kepada aspek

pencemaran pantai terutamanya impak sisa plastik ke atas hidupan akuatik. Risalah berkaitan pencemaran marin yang diperolehi daripada **Jabatan Alam Sekitar W/P Kuala Lumpur** berjaya diedarkan kepada para sukarelawan dan orang awam yang hadir.

Menurut Ketua Seksyen Kesihatan Persekitaran, UniKL MESTECH, Encik Mohamed Zul Fadhli Khairuddin, Program Kesihatan Persekitaran di UniKL adalah unik dan menyeronokkan kerana pihak Institusi amat mengutamakan aktiviti seumpama ini sebagai elemen tambahan kepada pembelajaran di kampus kerana mahasiswa dapat merasai "fun learning", mempraktikkan teori dan mempertingkatkan kemahiran komunikasi dan interaksi dengan masyarakat.

Di samping itu, Dekan UniKL MESTECH, Dr Reezal Ishak mengharapkan kerjasama yang lebih positif dapat diteruskan bersama 3M Seremban dalam pelbagai aktiviti pada masa akan datang selain memuji usaha SWCorp Port Dickson dalam mendukung aktiviti seperti ini dan komitmen menjaga kebersihan pantai di seluruh Port Dickson.

Aktiviti ini diakhiri dengan nasihat daripada Pengurus 3M Seremban, Encik Joshua Sang, bahawa Tuhan telah menciptakan langit untuk bumi dan bumi untuk manusia, maka tanggungjawab manusia adalah untuk menjaga dan memelihara segala ciptaan sebaik-baiknya.

* Jika anda ingin memaparkan acara tanggungjawab sosial korporat (CSR), emelkan kepada 1klassnstp@gmail.com.

DARI KIRI, Zul Fadhli, Dr Reezal Ishak dan Joshua Sang



PARA sukarelawan daripada UniKL MESTECH dan 3M Seremban

LAMPIRAN 25
BERITA HARIAN (SENTRAL): MUKA SURAT 63
TARIKH: 20 APRIL 2019 (SABTU)

PEMBEBASAN BAHAN KIMIA SECARA HARAM OLEH KILANG BATERI

JAS, LUAS diarah buat ujian keasidan

➔ Periksa keadaan tanah, punca air bawah tanah sekitar Kampung Jenjarom

Oleh Norzamira Che Noh
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► Banting

Kerajaan Selangor sudah mengarahkan **Jabatan Alam Sekitar (JAS)** negeri dan Lembaga Urus Air Selangor (LUAS) menjalankan ujian keasidan tanah dan punca air bawah tanah di sekitar Kampung Jenjarom.

Ujian selama dua minggu itu susulan pembebasan bahan kimia secara haram oleh sebuah kilang bateri yang beroperasi di kawasan berkenaan.

Pengerusi Jawatankuasa Alam Sekitar, Teknologi Hijau, Sains, Teknologi dan Inovasi dan Hal-Ehwal Pengguna, Hee Loy Sian, berkata sebelum ini penduduk di kawasan sekitar mengadu mengenai tahap asid yang tinggi di luar kawasan kilang walaupun bacaan dalam

premis berkenaan pada paras yang tidak membimbangkan.

"Bacaan terkini di kawasan pelepasan pada kadar 6.0 dan ia cukup baik. Mungkin juga kadar bacaan di sekitar kilang tinggi berikutan daripada rekahan yang berlaku ketika kebakaran dan asid sudah menyerap ke dalam air bawah tanah.

"Kita akan jalankan kajian selama dua minggu untuk pastikan sama ada tahap bacaan asid masih tinggi seperti yang didakwa. Selain itu, kilang juga bersetuju untuk merobohkan tempat peleburan plumbum. Bagaimanapun, mereka tidak boleh berbuat sedemikian buat masa ini kerana masih disita," katanya kepada pemberita, di sini, semalam.

Beliau berkata demikian selepas mengadakan lawatan ke kilang berkenaan, semalam. Yang turut hadir, Pengarah JAS Selangor, Sha-fe'e Yasin.

Loy Sian berkata, pada awalnya, kilang berkenaan yang beroperasi sejak 2014 mematuhi syarat yang ditetapkan iaitu pengisian asid saja bagaimanapun selepas berlaku kebakaran pada Disember 2017, mereka dikesan turut melakukan peleburan plumbum.

Katanya, pengurusan kilang itu sudah diarahkan membaiki rekahan dikesan pada kawasan pelepasan sisa di premis itu susulan tindakan sita oleh Majlis Daerah Kuala Langat (MDKL) dan Jabatan



[FOTO ROSLIN MAT TAHIR /BH]

Loy Sian meninjau kawasan kilang bateri yang menyebabkan pencemaran di sekitar Kampung Jenjarom, Banting, semalam.

Alam Sekitar (JAS), pada Januari lalu, manakala lesennya dibatalkan pada 15 Mac lalu.

Tak dibenar teruskan aktiviti
Beliau berkata, pemilik kilang itu juga tidak dibenarkan meneruskan aktiviti peleburan plumbum dan kitar semula bateri berikutan ia melanggar syarat lesen operasi yang ditetapkan.

"Kita dapati kilang yang bero-

operasi di kawasan industri sederhana ini hanya dibenarkan menjalankan kerja pengisian asid ke dalam bateri bagaimanapun, kilang itu dikesan turut melakukan peleburan plumbum. Justeru, kilang ini disita sejak 30 Januari lalu dan tiada sebarang aktiviti dibenarkan selain daripada membaiki rekahan di kawasan pelepasan," katanya.

Seorang penduduk, Sarimah Pa-

rita, 63, berkata kedudukan rumahnya kira-kira 100 meter dari kilang berkenaan dan berisiko untuk terkena bahan kimia yang dilepaskan oleh kilang.

"Saya sering batuk dan tekak menjadi kering malah suami juga sering berasa lesu dan tidak sedap badan. Saya juga seperti penduduk lain yang mengharapkan agar kilang ini ditutup kerana ia membahayakan nyawa," katanya.

LAMPIRAN 26
NEW STRAITS TIMES (NEWS): MUKA SURAT 12
TARIKH: 22 APRIL 2019 (ISNIN)

TACKLING SEA POLLUTION

'Use infrared technology to boost monitoring of oil dumping'

KUALA LUMPUR: A more concerted effort by all agencies is needed to monitor and tackle oil dumping in Malaysian waters.

Dr Harinder Rai Singh, who is Universiti Teknologi Mara's Faculty of Applied Sciences lecturer, said enforcement agencies need to use the latest technology to boost monitoring of such illegal activities.

Harinder, who is also a member of the Malaysian Society of Ma-

rine Sciences, said to prevent a recurrence of oil-dumping cases like that in Kota Tinggi, Johor, more resources need to be allocated to enforcement agencies.

He believed that the major perpetrators were foreign vessels which passed through Malaysian waters.

"The Malaysian waters and ports are patrolled and monitored by the authorities, including the Straits of Malacca.

"The Straits of Malacca is easier to monitor and patrol as the area is smaller and the authorities are able to spot illegal activities.

"Ports located along the South China Sea, however, are more difficult to monitor given the larger coverage area.

"This could be a factor behind the relative ease with which passing foreign vessels dump waste, especially at night."

Harinder said the use of in-

frared technology could help the authorities address this problem.

"For passing vessels, we can use satellites to track them and extrapolate the data by gathering where the ships have gone.

"Drones can be used to monitor the ships but these efforts must be made in collaboration of the agencies."

Harinder's recommendation echoes calls by environmentalists for increased patrols by the au-

thorities to ensure that the Johor port is not only kept clean, but also to capture polluters and penalise them according to the law.

On April 18, the Johor Marine Department detected a 1km oil spill in the Tanjung Balau waters.

It was estimated that 300 tonnes of marine fuel oil had been discharged into the sea and the spill covered an area spanning four nautical miles from the coast. **By Teh Athira Yusof**

LAMPIRAN 27
HARIAN METRO (SETEMPAT): MUKA SURAT 11
TARIKH: 22 APRIL 2019 (ISNIN)



TOMPOKAN sisa minyak terbaru yang ditemui di kawasan 2.8 batu nautika dari Tanjung Penawar.

TANJUNG PENAWAR TERCEMAR

KUMPUL 64 GUNI SISA MINYAK

Mohd Sabran Md Sani
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Johor Bahru

Pemantauan dan usaha berterusan Jabatan Laut Wilayah Selatan dalam menangani isu pembuangan sisa minyak Marine Fuel Oil (MFO) berjaya mengutip lebih 58 peratus bahan tercemar itu di perairan Tanjung Penawar di sini.

Pengarah Jabatan Laut Wilayah Selatan (Johor), Dickson Dollah, berkata, perkembangan positif itu hasil laporan pasukan Oil Spill Response (OSR) Jabatan Laut sejak Khamis lalu.

"Sepanjang tiga operasi pemantauan, sebanyak 64 guni sisa minyak MFO berjaya dikumpulkan menggunakan alat penyerap minyak absorbent boom. "Sebanyak 58 peratus sisa minyak di laut sudah berjaya dikawal dan dirawat," katanya ketika dihubungi bagi mengetahui operasi pembersihan minyak MFO di perairan Tanjung Penawar di sini, semalam.

Beliau berkata, operasi



“Semburan kimia masih digunakan dalam operasi itu supaya minyak berkenaan menjadi cair dan tidak bergerak ke kawasan pantai”

Dickson Dollah

hari keempat semalam menemukan kedudukan sisa minyak terbaharu di kawasan 2.8 batu nautika dari Tanjung Penawar di sini.

"Operasi dimulakan pada jam 8 pagi menggunakan kekuatan satu aset Bot Al Nilam bersama 10 anggota.

"Pemantauan dimulakan

di sekitar perairan Tanjung Balau hingga ke Teluk Penawar dan menemukan tompokan baru di perairan Tanjung Penawar," katanya.

Katanya, anggaran keluasan satu kilometer panjang dan 200 meter lebar penemuan tompokan minyak baharu selepas setengah jam operasi dilakukan semalam.

Katanya, sebanyak 12 alat absorbent boom digunakan sehingga jam 12.30 pagi berjaya menyerap minyak MFO di perairan itu.

"Keadaan cuaca pada operasi hari keempat semalam sangat baik dengan keadaannya berangin dan air pasang," katanya.

Beliau berkata, semburan kimia masih digunakan dalam operasi itu supaya minyak berkenaan menjadi cair dan tidak bergerak ke kawasan pantai.

"Pada masa sama, keadaan cuaca yang panas membantu proses peluwapan," katanya.

Mengulas dalam operasi kelmarin katanya, tompokan minyak ditemui di Tanjung Punggai dengan anggaran keluasan 200 hingga 300 meter di kedudukan 4.4 batu nautika dari kawasan itu pada jam 1.45 petang.

LAMPIRAN 28

UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 4

TARIKH: 22 APRIL 2019 (ISNIN)

INFO

PROJEK TEBUS GUNA SELATAN PULAU PINANG (PSR):
Kawasan terlibat: Permatang Damar Laut, Teluk Kumbar
Jumlah: 3 buah pulau
Keluasan: Kira-kira 1,800 hektar
Pulau A: 930 hektar
Pulau B: 566 hektar
Pulau C: 255 hektar
Pihak pelaksana: Konsortium SRS
Anggaran nelayan terlibat: 805 keluarga dengan 3,140 orang
Sasaran mula projek: Dalam tempoh dua tahun akan datang
Tujuan: Menjana pembangunan ekonomi negeri dan membiayai pelaksanaan Pelan Induk Pengangkutan (PIP) Pulau Pinang.
Kos PIP: Anggaran RM46 bilion
Komponen PIP: Terowong dasar laut; Transit Aliran Ringan (LRT), monorel, kereta kabel, teksi air dan beberapa lebuh raya.

KAWASAN perairan yang dicadangkan untuk ditambah sehingga mencetuskan kegelisahan komuniti nelayan yang bakal hilang mata pencarian di Teluk Kumbar, Pulau Pinang.



GAMBARAN artis mengenai kawasan laut yang dirancang untuk ditambah membentuk tiga pulau di Teluk Kumbar, Pulau Pinang. INTERNET

Tambak laut, manfaat atau bencana?

Oleh **MOHD. KHUZAIRI ISMAIL**
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■ PULAU PINANG 21 APRIL

SUKA atau tidak, satu lagi projek tambak laut iaitu di selatan perairan negeri ini (PSR) hampir pasti bakal dilaksanakan sekurang-kurangnya dalam tempoh dua tahun akan datang. Hakikat itu diperkuatkan lagi dengan reaksi Ketua Menteri, Chow Kon Yeow terhadap pengumuman Majlis Perancangan Fizikal Negara (MPFN) minggu lalu. Meskipun terdapat sedikit percanggahan antara pendirian Kon Yeow dengan MPFN, namun pada dasarnya, projek di Teluk Kumbar itu dipersetujui sekiranya kerajaan negeri mematuhi 18 nasihat yang digariskan.

Disebabkan tiada badan khusus yang pada akhirnya akan memutuskan mengenai projek

itu, maka keputusan kini terletak pada kerajaan negeri untuk mematuhi 18 nasihat berkenaan seterusnya memulakan projek tersebut.

Persoalannya adakah bahagian pulau negeri ini mampu untuk terus menampung sekian banyak projek tambakan laut?

Ketika ini, beberapa projek tambak laut telah diluluskan dan dicadangkan di beberapa bahagian negeri ini seperti di timur laut dan tenggara selain projek PSR itu.

Antaranya adalah kerja menambak laut untuk projek Seri Tanjung Pinang Fasa 2 yang juga termasuk penambakan laut di pantai Persiaran Gurney; Bayan Bay dan Bayan Mutiara.

Secara keseluruhan juga, beratus-ratus hektar kawasan laut di negeri ini sudah ditambah sehingga peta demografi negeri ini semakin berubah dan terganggu.

Ini adalah kebimbangan utama banyak pihak iaitu risikonya kepada keselamatan negeri ini termasuk kemampuannya berdepan bencana alam seperti tsunami.

Ini kerana seperti dipersetujui pakar marin, kerja tambak laut akan merubah ciri-ciri hidrologi iaitu aliran air dan pemindahan tenaga ombak semula jadi ke kawasan lain.

Disebabkan itu, di kawasan-kawasan yang ditambah seperti di pesisir Tanjung Tokong di sini, kejadian hakisan pantai yang serius bukan sesuatu yang asing disebabkan perubahan ombak tersebut.

Di negeri ini juga, kerja menambak laut yang dijalankan lebih awal telah memberikan kesan buruk terhadap kualiti air laut akibat pencemaran yang kesannya dirasai sehingga kini.

Ini disebabkan kerja-kerja mengorek dan menimbus pasir

yang menghasilkan mendapan lumpur sekali gus memusnahkan sumber hidupan laut negara.

Kemusnahan ini bukan lagi rahsia malah rungutan nelayan yang hilang mata pencarian selepas ikan, ketam, udang dan kerang di kawasan laut mereka musnah boleh didengari saban hari.

Dari satu sudut, rakyat memahmi matlamat kerajaan negeri menambak laut di Teluk Kumbar itu bertujuan mengumpul dana untuk menjayakan Pelan Induk Pengangkutan (PIP).

Pelan ini kelak yang menawarkan pelbagai mod pengangkutan bakal menyelesaikan masalah kesesakan lalu-lintas di negeri ini yang semakin hari semakin serius.

Namun, pertimbangan sewajarnya perlu dibuat adakah kemusnahan kawasan laut itu memadai atau berbaki dengan penyelesaian lalu-lintas seperti

diharapkan kerajaan negeri.

Apakah tidak ada cara lain yang boleh dilakukan kerajaan negeri yang kini sudah berkongsi kuasa dengan Kerajaan Pusat untuk mencari dana bagi menayakan PIP selain menambak laut?

Barangkali jalan terbaik ketika ini adalah bertemu seramai dan sebanyak mungkin penduduk serta NGO pelbagai latar belakang sebelum sebarang keputusan muktamad mengenai projek ini dibuat.

Projek mega seperti ini tidak wajar hanya diputuskan menerusi persetujuan dasar di peringkat pentadbiran kerajaan negeri atau perbincangan dengan pihak pemaju semata-mata.

Ini kerana yang bakal menanggung kesan sama ada buruk atau positif projek ini kepada kelangsungan hidup mereka secara jangka masa panjang adalah penduduk negeri ini.

LAMPIRAN 29
KOSMO! (GENK): MUKA SURAT 25
TARIKH: 22 APRIL 2019 (ISNIN)



LAMPIRAN 29 (SAMB.) KOSMO! (GENK): MUKA SURAT 26 TARIKH: 22 APRIL 2019 (ISNIN)

26

GENK
 EKSPRESI GENERASI KOSMO!

Oleh **MOHD. AIDIL YUSOF**
 Foto **AIZZUL A. MAJID**

PARA pelajar teruja melihat alatan yang digunakan angkasa di Planetarium Negara, Kuala Lumpur baru-baru ini.

Pupuk minat sains sejak sekolah rendah

REPLIKA roket yang dibina pelajar ini mampu terbang sejauh 50 meter.

UMMI AISYAH

ZURINA

SYAIRUL

AKTIVITI mencari harta karun mengikut semangat kerjasama antara para peserta.

UACA panas terik di hadapan ruang legar Planetarium Negara, Kuala Lumpur tidak mematahkan semangat para pelajar Sekolah Kebangsaan (SK) Desa Pinggiran Putra, Kajang, Selangor dan SK Putrajaya Persint 16(2) untuk melancarkan roket rekaan kumpulan masing-masing.

Kelihatan pelajar amat teruja apabila replika roket daripada botol yang dilancarkan itu mampu terbang sejauh 50 meter dengan sokongan alat pemancar roket.

Menurut pelajar SK Desa Pinggiran Putra, **Ummi Aisyah Abdul Hadi**, 12, kumpulannya mengambil masa hampir dua jam untuk menyiapkan roket itu kerana memerlukan penelitian dan mengikut proses yang diajar oleh cikgu.

"Pengorbanan masa yang lama itu berbaloi setelah melihat replika roket yang kami buat dapat terbang dengan jarak paling jauh berbanding kumpulan lain," katanya ketika ditemui *GenK* di Planetarium Negara baru-baru ini.

Tambah Ummi Aisyah, selain pembuatan roket, dia dan rakan-rakannya dapat mempelajari lebih mendalam bidang sains terutamanya astronomi.

"Sebelum datang ke sini, saya kurang minat subjek Sains kerana ia agak susah untuk difahami tetapi setelah melihat alat-alat yang canggih digunakan oleh angkasa dan teknologi sains, timbul perasaan mahu pelajarnya.

"Mungkin saya akan menunjukkan minat untuk mengetahui lebih lanjut hasil program yang dianjurkan.

"Melalui cara pendedahan ini, pelajar lebih memahami tentang ilmu sains kerana mereka bukan sahaja mempelajarinya secara teori malah boleh merasai sendiri pengalaman mencipta roket.

Lebaran baharu

"Bagi saya, ia membuka lebaran baharu dalam teknik mempelajari ilmu sains melalui cara lebih santai dan menggunakan teknologi sedia ada.

"Bahkan, di Planetarium, mereka turut didedahkan dengan fasiliti yang kebiasaannya digunakan oleh ahli astronomi. Secara tidak langsung, mereka akan memahami manfaat bidang ini dalam kehidupan seharian," ujarnya.

Katanya lagi, menjadi tanggungjawab semua pihak termasuk guru sekolah rendah memainkan peranan penting untuk memupuk minat murid dalam subjek sains sekali gus mendorong mereka memilih aliran berkenaan apabila berada di sekolah menengah.

"Paling menarik, program yang dilakukan mendapat sambutan daripada ahli keluarga pelajar masing-masing. Ada yang datang awal pagi untuk melihat anaknya mencipta roket.

"Penganjuran ini sekaligus memberi kesedaran kepada para ibu bapa bahawa aliran sains sebenarnya luas, bukan sekadar menjadi ahli astronomi semata-mata," katanya.

"Sebenarnya amat perlu didikan daripada akar umbi untuk memupuk minat pelajar sejak dari kecil tentang sains. Sebab itu sasaran kami adalah peringkat sekolah dan institusi pengajian tinggi.

"Ramai pelajar beranggapan bidang sains susah kerana istilah yang digunakan dalam subjek tersebut agak rumit dan sukar fahami.

"Jadi, ini merupakan inisiatif Pusat Citra 5, Universiti Kebangsaan Malaysia (UKM) meningkatkan pemahaman mereka dalam bidang sains," katanya.

Tambahnya yang juga Penylaras Pusat Citra 5, UKM, program itu juga sebagai cara warga UKM berkongsi pengetahuan dalam bidang sains bersama pihak sekolah dan masyarakat.

Ia turut diakui guru SK Putrajaya Persint 16(2), **Syairul Mus Azreen Mustafha**, para pelajar

LAMPIRAN 30
NEW SUNDAY TIMES (SUNDAY VIBES /SAVY): MUKA SURAT 40
TARIKH: 21 APRIL 2019 (AHAD)

THE ocean is so vast that it's hard to imagine that we humans can do anything to damage it. But today there are over seven billion people living on earth. The demand for food and the pervasive use of single-use plastic is taking its toll on the ocean.

Of course, plastic is not the only thing damaging our oceans but it's by far the worst offender. Experts estimate that some eight million metric tonnes of plastic waste enter our oceans annually. Some microplastics — bits of plastic that are less than five millimetres long — also find their way to the sea and these end up getting ingested by fish and other marine animals.

Experts say if things don't change, there will be more plastic than fish by 2050. This isn't inevitable. A change in public opinion about single-use plastic and various initiatives and technologies are trying to repair the harm done thus far and turn the tide on plastics in the ocean. Here are some of the most promising solutions.



FUTURE PROOF
OON YEOH IS A CONSULTANT WITH EXPERIENCES IN PRINT, ONLINE AND MOBILE MEDIA. REACH HIM AT OONYE@H@gmail.com

APPS
Marine Debris Tracker (www.marinedebris.engr.uga.edu) is an app developed by the US National Oceanic and Atmospheric Administration and the University of Georgia. It allows people to report when they see marine debris or litter along the coastlines or waterways.

Clean Swell (oceanconservancy.org/)



The Ooho material degrades in a natural environment.

Saving the ocean



A floating rubbish bin.

trash-free-seas/international-coastal-cleanup/cleanswell) lets you track your individual clean-up progress, compare it with others' and helps the Ocean Conservancy — a global movement to keep the oceans trash free — track what items find their way onto beaches. Plus, you can share your efforts via social media to encourage others to help to do their part too.

SEABIN

Seabin, as its name implies is literally a floating rubbish bin designed to help keep ports and marina clean. The device moves up and down with the range of tide, collecting all floating rubbish along the way. Water is sucked in from the surface and passes through a catch bag inside the Seabin, with a submersible water pump capable of displacing 25,000 litres per hour, plugged directly into either a 110V or 220V outlet. The water is then pumped back into the marina leaving litter and debris trapped in the catch bag. Seabin can catch an estimated 3.9kg of floating debris per day or 1.4 tonnes per year (depending on weather and debris volumes) including micro plastics down to 2mm small.

THE OCEAN CLEANUP

The Ocean Cleanup's technology aims to tackle the so-called "Great Pacific Garbage Patch", a huge accumulation of plastic (roughly twice the size of Texas) floating between Hawaii and California. The technique used is a 600-metre floating pipe, carried by the ocean waves, which captures plastic along the way. It's supposed to be able to collect up to five tonnes of ocean plastic per month. Because most of the current flows underneath, and plastic tends to float at the top, this technology prevents fish and other marine species from getting caught. The organisation's ambitious goal is to remove 90 per cent of the ocean's plastic by 2040.

EDIBLE PACKAGING

Around 40 per cent of plastic manufactured is single-use packaging, some of which eventually find its way to the ocean. Several companies are working on creating edible packaging instead.

Skipping Rocks Lab is an innovative sustainable packaging start-up pioneering the use of natural materials extracted from seaweed to create packaging with low

environmental impact. The company's goal is to create waste-free alternatives to plastic bottles, cups, plates and so on.

Its first product, Ooho, is a spherical flexible packaging that can also be used for liquids including water, soft drinks, spirits and cosmetics. According to the company, its proprietary material is actually cheaper than plastic. The Ooho material degrades in a natural environment in six weeks and is edible.

EvoWare makes eco-friendly, biodegradable and edible food packaging using seaweed as the raw material. Its products have a two-year shelf life, even without any preservatives, and are high in fibre, vitamins and minerals. They can be customised to give a specific taste, colour and brand logo. They are also printable and heat sealable. Its edible-grade products include food wraps (burger wrap, sandwiches, bread, etc), coffee sachets and dry seasoning sachets.

GLOBAL MOVEMENT

The New Plastics Economy is a global initiative involving over 250 companies that aims to build a plastics system that doesn't harm the environment. It brings together key stakeholders to rethink and redesign the future of plastics, starting with packaging. According to its vision, in a new plastics economy, plastic never becomes waste or pollution. It aims to do this by promoting the elimination of problematic or unnecessary plastic packaging through redesign, innovation and new delivery models, encouraging the use of plastic packaging that is 100 per cent reusable, recyclable or compostable.

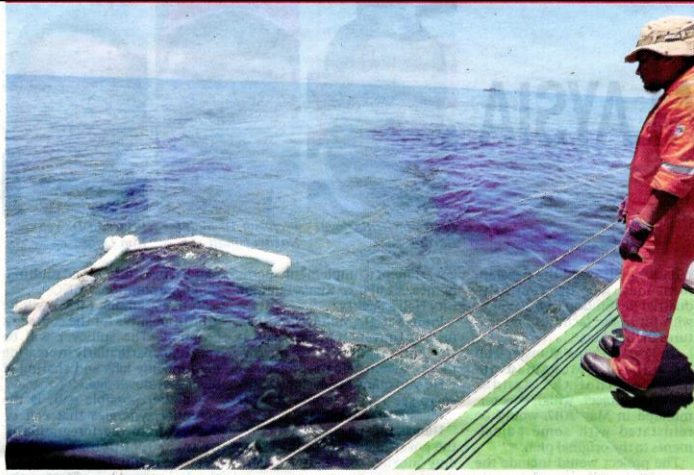
With all these things happening, our oceans may actually have a chance to be plastic-free within a generation.



LAMPIRAN 31

NEW SUNDAY TIMES (NEWS/ NATION): MUKA SURAT 8

TARIKH: 21 APRIL 2019 (AHAD)



Johor Marine Department crew cleaning up the oil spill in Tanjung Balau, Kota Tinggi, on Thursday. PIC BY ZAIN AHMED

TANJUNG BALAU OIL SPILL

BRING THE POLLUTERS TO BOOK, SAY NGOS

Environmentalists want swift action against those caught polluting in Malaysian waters

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ENVIRONMENTALISTS are appalled at the oil spill off the coast of Johor and want the authorities to bring those responsible to justice.

On Thursday, the Johor Marine Department detected a 1km oil spill in Tanjung Balau waters.

It was estimated that 300 tonnes of marine fuel oil had been discharged and the spill covered an area four nautical miles from the coast.

Pertubuhan Pelindung Khazanah Alam Malaysia president Puan Sri Shariffa Sabrina Syed Akil said the waters off Johor had become a dumping ground for ships.

"Have the authorities taken action against those who pollute the waters off Johor?"

"Why is water in Singapore cleaner compared with in Malaysia?"

"I have heard rumours that before ships enter Singaporean waters, they would dump their rubbish and discharge waste in Malaysian waters."

"The dumping is not done in Singaporean, Indonesian, Thai or Vietnamese waters. It seems like the protection around Johor waters is not well enforced."

Shariffa said in other countries, if people were found guilty of polluting the environment, they would receive harsh punishment.

"We need stricter laws against those who pollute the environment and stricter patrolling around Johor waters, or else there'll be a recurrence of such cases."

Malaysian Nature Society president Dr Ahmad Ismail said cases of oil spills were not new

when it came to the coastal waters of the state.

"Johor waters are one of the busiest sea routes in the world. A high number of ships pass through Johor to go to Singapore. That is why pollution cases are high in this area," said the Universiti Pertanian Malaysia Science Faculty professor.

"The government must protect our waters because this will have a prolonged impact on the environment and fishermen off the coast of Johor."

He called on fishermen to get involved in the protection of the environment and to report immediately pollution detected in the waters.

Professor Emeritus Dr Ibrahim Komoo from Institute of Environment and Development (Lestari), Universiti Kebangsaan Malaysia, said swift action was key in dealing with environmental pollution such as an oil spill.

"Swift action in cleaning up the oil spill is important or it will damage the marine environment. This is why the authorities and people should always be vigilant."

"We need to take sea pollution seriously."

"Beef up enforcement and punish the culprits, so they will learn a lesson."

Johor ruler: Beef up patrolling operations

KUALA LUMPUR: Sultan of Johor Sultan Ibrahim Sultan Iskandar wants the authorities to step up patrolling in Johor waters to prevent the discharge of marine fuel that could lead to sea pollution.

Referring to the oil spill in Tanjung Balau and Batu Layar waters in Kota Tinggi, he said the occurrence would have a negative impact on the ocean and marine lives, apart from affecting fishermen's income.

"The authorities must boost pa-

trols to curb the act of discharging waste by vessels as it would leave negative effects," Sultan Ibrahim told the Royal Press Office yesterday.

He said the authorities need to impose hefty penalties on those responsible for such acts.

Johor Marine Department on Thursday found 300 tonnes of marine fuel oil, covering a distance of 10km in Tanjung Balau and Batu Layar waters, with some of the fuel reaching a beach.

SAFER ENVIRONMENT

Chemical firms urged to adopt green corporate culture

KUALA LUMPUR: Proper disposal of chemical waste or residual material is the way forward for players in the chemical industry to ensure a safer workplace and the surrounding environment.

The "green corporate culture" must be adopted and prioritised to prevent a repeat of the Sungai Kim Kim incident in Johor recently, said National Occupational Safety and Health Institute chairman Tan Sri Lee Lam Thye.

He said managing hazardous waste might be costly for small- and medium-sized enterprises (SMEs), therefore, multinational and big chemical companies should lead the way and lend support to achieve a higher level of health, safety and environment performance through awareness initiatives.

He said the mentor-mentee approach was relevant since more than 90 per cent of players in the local chemical industry were SMEs.

"The industry continues to be a major contributor to manufactured goods exports, at 6.9 per cent last year. Although its contribution remained significant, the task of managing, handling and disposing of chemicals was equally important in ensuring a safer and cleaner environment."

"Chemical companies must self-regulate and play a role in ensuring a safer workplace and surroundings," said Lee at the Chemical Industry Dinner 2019,

organised by the Chemical Industries Council of Malaysia (CICM) here on Friday.

He said the Sungai Kim Kim incident, which affected thousands of people, was proof that if the industry did not make peace with the environment, destruction would be greater in the future.

"With the advent of the 'green corporate culture', there is a need for businesses to be more conscious about environmental issues."

Lauding CICM's efforts in making the chemical industry safer, Lee said such initiatives augured well for the country's image.

"A good safety track record will contribute to the productivity of businesses, making the chemical industry more responsible and sustainable."

Lee said Malaysia had adopted the international Responsible Care initiative for the chemical industry since 1994.

"Responsible Care is an ethic and commitment by the chemical industry to build confidence and trust in the global chemical industry."

Present at the 14th CICM annual awards and dinner was CICM chairman Datuk Dr Abd Hapiz Abdullah, who, jointly with Lee, presented the CICM Responsible Care Award 2017/2018 to the grand award winner — IOI Pan-Century Oleochemicals Sdn Bhd — for its commitment and best practices in the industry.



Tan Sri Lee Lam Thye



Puan Sri Shariffa Sabrina Syed Akil

LAMPIRAN 32
METRO AHAD (RENCANA): MUKA SURAT 56
TARIKH: 21 APRIL 2019 (AHAD)

BUMI TANPA PENCEMARAN

■ Peserta program 'Sampah, Menyampah' ada cara sendiri pelihara, pulihara alam

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Ucapan sayang jauh lebih mudah untuk dituturkan bagi mencerminkan perasaan dan penghargaan, namun kata-kata itu seakan-akan tidak bermakna sekiranya tidak seiring dengan tindakan.

Pelancaran kempen berkonsepkan penjagaan bumi seperti 'Setiap Hari Tanpa Beg Plastik', 'Hari Tanpa Beg Plastik', 'Tak Nak Straw', tindakan mengenakan caj pencemaran 20 sen untuk beg plastik dan sebagainya antara inisiatif diperkenalkan sebagai tanda cinta kepada alam sekitar dan bumi.

Di sebalik pelaksanaan pelbagai kempen berikhtik satu tujuan itu, bagaimanakah tahap kesedaran dan tindakan diambil rakyat Malaysia bagi memastikan kejayaan dalam menggapai misi berkenaan? Seandainya, anda mencintai bumi yang juga rumah bagi manusia sejagat, apakah tindakan yang anda lakukan untuk menunjukkan rasa cinta itu?

Pengamalan program 'Sampah, Menyampah' and



WAN Azlin menunjukkan pelapik seluar dalam mesra alam.

Friends' diadakan di Petaling Jaya, Selangor, baru-baru ini mendedahkan usaha positif dalam kalangan rakyat tempatan yang menyokong idea mewujudkan suasana bumi tanpa pencemaran di samping menzhirkan rasa cinta terhadap bumi menerusi cara tersendiri.

Peserta program, Wan Azlin Kamarudin, 33, berkata rentetan daripada masalah senggugut dialami setiap bulan menjadi titik

permulaan kepadanya untuk menggunakan barangan keperluan wanita secara alami.

"Generasi nenek moyang kita dulu menggunakan kain sebagai pelapik seluar dalam sekiranya datang haid. Apabila saya kerap mengalami masalah senggugut, emak menyarankan supaya saya mengikut cara nenek moyang. Berdasarkan pengalaman saya, kesakitan

itu beransur hilang sepanjang melakukan kaedah tradisional berkenaan.

"Dikategorikan mesra alam dengan memanfaatkan sumber kain kapas, saya mendapat idea untuk menghasilkan pelapik seluar dalam mesra alam tanpa menggunakan plastik mahupun fabrik sintetik seperti 'fleece' atau 'minky'.

"Pelapik seluar dalam wanita sekarang



PILIHAN penyedut minuman.



CAROLYN

kebanyakannya menggunakan plastik bersesuaian dengan era hari ini. Tetapi sebenarnya ia menjadi ancaman kepada alam sekitar sekiranya tidak diuruskan sebaiknya.

"Ada antara kita yang kurang peka apabila membuang pelapik seluar dalam terpakai ke dalam tandas, yang pastinya berakhir di sumber minuman kita. Ia bukan saja mengancam sumber air bersih, bahkan hidupan sungai mahupun laut.

"Bertanggungjawab untuk melindungi bumi, saya terpenggil untuk menghasilkan inovasi ini meskipun ia tampak kecil, namun saya yakin ia mampu

Kerjasama ini mampu mencetuskan kesedaran dalam kalangan masyarakat mengenai usaha yang perlu dilakukan mereka bagi mengekalkan kelestarian bumi

CAROLYN



SIMBOLIK pencemaran alam akibat fesyen.

LAMPIRAN 32 (SAMB.)

METRO AHAD (RENCANA): MUKA SURAT 57

TARIKH: 21 APRIL 2019 (AHAD)

memberi impak besar sekiranya kita bersama-sama menyedari peranan dalam penjagaan alam sekitar," katanya.

KONGSI ILMU URUS SAMPAH

Bagi Umi Kalsom Ismail, 33, pula dia bersama komuniti Conserve Eco Services terpacang untuk mendidik dan berkongsi maklumat serta pengetahuan dengan masyarakat setempat di Bukit Jelutong, Shah Alam.

Fokus pada kawasan kediaman, wanita ini aktif menganjurkan bengkel dan seminar percuma untuk berkongsi ilmu mengenai pengurusan dan kaedah sampah sifar khususnya kepada golongan suri rumah.

"Idea ini termasuk pembuatan dan penggunaan pembalut makanan berasaskan lilin lebah yang pastinya dapat mengurangkan penggunaan plastik dalam rutin harian.

"Pembalut makanan lilin lebah ini sememangnya sudah lama digunakan masyarakat luar terutama Eropah. Ia diperbuat daripada kain kapas atau batik (jika ingin ciri tradisional), lilin lebah, resin, minyak jojoba dan kelapa.

"Pembalut ini sesuai untuk membungkus makanan kering dan tidak panas, malah ia juga selamat digunakan. Kaedah ini perlu dipromosikan bagi mengurangkan penghasilan sampah domestik.

"Selain itu, kita turut menggalakkan masyarakat memilih produk keperluan harian yang tidak menggunakan botol plastik seperti syampu, sabun, bahan pencuci lain sekiranya ada pilihan yang mesra alam," katanya.

Sementara itu, Pegawai Farmasi, Fakulti Farmasi Universiti Kebangsaan Malaysia (UKM), Dr Hanisah Azhari turut berkongsi inovasi dari Jepun iaitu tong Bokashi bagi pengurusan sampah domestik dengan bijak.

Teknik pengkomposan Bokashi adalah mengumpulkan semua sisa dapur termasuk daging dan produk tenusu yang dimasukkan dalam tong kedap udara sebelum ditambah yis untuk menguraikan sisa berkenaan seterusnya dijadikan baja.

Katanya, tong Bokashi akan ditutup kemas selepas



UMI Kalsom menunjukkan pembalut makanan daripada lilin lebah.



PILIHAN yang mesra alam



RAIH tarikan orang ramai.



SYAMPU dalam bentuk ketulan.

sisa terkumpul sudah penuh dan dibiarkan sekurang-kurangnya dua minggu lagi bagi proses pengkomposan sepenuhnya sebelum ia boleh digunakan. Menariknya, teknik Bokashi ini bukan saja boleh digunakan untuk sisa makanan, malah najis binatang peliharaan seperti kucing boleh dikitar semula.

Dr Hanisah yang turut mengamalkan teknik

ini dalam kehidupannya mengakui usaha ini boleh membantu penghuni rumah menguruskan sampah lebih cekap, sekali gus mendidik mereka mengenai pengasingan sampah kitar semula.

PAKAIAN JUGA MENCEMAR BUMI

Pengasas bersama Sampah, Menyampah, Carolyn Lau berkata, program berkenaan dianjurkan sebagai manifesto mempromosikan usaha dilakukan komuniti Malaysia yang memelihara bumi.

Program kali kedua diadakan itu yang menghimpunkan golongan pejuang alam sekitar sama ada individu mahupun badan bukan kerajaan (NGO), disifatkan menerima sambutan menggalakkan daripada masyarakat.

"Kerjasama ini mampu mencetuskan kesedaran dalam kalangan masyarakat mengenai usaha yang perlu dilakukan mereka bagi mengekalkan kelestarian bumi.

"Selain meningkatkan kesedaran, kita juga ingin memperluaskan komuniti yang mengamalkan 'sampah

sifar' dan mengurangkan penggunaan plastik dalam kehidupan.

"Bagi pengunjung yang terbiasa dengan konsep ini, mereka tahu tiada sebarang beg plastik mahupun kertas digunakan dalam transaksi pembelian produk dijual pada program ini dan mereka akan membawa beg mesra alam sendiri," katanya.

Pada masa sama, Carolyn turut menekankan fesyen dan pakaian juga antara faktor utama menyumbang kepada pencemaran bumi. Ini ditonjolkan dengan idea 'Fast Fashion' yang melebihi ketinggian Menara Berkembar Kuala Lumpur.

"Keghairahan membeli pakaian tidak diperlukan hanya kerana harganya murah, mencetuskan pembaziran serta pencemaran. Seharusnya, pakaian boleh dipakai dalam tempoh masa yang lama malah sekiranya ia rosak ia boleh dikitar semula.

"Penghasilan sehelai kemeja-T kapas menggunakan 2,400 liter air. Penggunaan air ini merangkumi proses penanaman pokok kekabu hingga ke peringkat akhir baju yang sedia dipakai.

"Sumber yang kita miliki semakin berkurangan berbanding dahulu, justeru menjadi tanggungjawab besar untuk kita memelihara dan memulihara alam dan bumi," katanya.

Selain gerai jualan barangan mesra alam, program ini sempena sambutan Hari Bumi Sedunia yang diraikan setiap 22 April turut disampaikan dengan bengkel serta seminar berkaitan pemeliharaan dan pemuliharaan alam sekitar.

FOTO AZIAH AZMEE

LAMPIRAN 33
METRO AHAD (SETEMPAT): MUKA SURAT 8
TARIKH: 21 APRIL 2019 (AHAD)

TANJUNG BALAU TERCEMAR

HUJAN BANTU LARUT MINYAK

Mohd Sabran Md Sani
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Kota Tinggi

Jabatan Laut Wilayah Selatan (Johor) memperluaskan pemantauan operasi hari ketiga pembersihan sisa tumpahan minyak di perairan Tanjung Balau membabitkan Pulau Lima dan Pulau Mungging di sini, semalam.

Penolong Pegawai Laut, Roslee Ibrahim berkata, perluasan kawasan pemantauan ke dua lokasi itu berikutan pihaknya tidak menemui tompokan baharu di perairan berkenaan.

Katanya, keputusan memperluaskan lokasi baru

Operasi pemantauan diperluaskan ke Pulau Lima, Pulau Mungging selepas nelayan tidak menemui tompokan baharu

itu juga berdasarkan maklumat diperoleh daripada nelayan yang mendakwa tidak menemukan tompokan minyak di perairan itu, kelmarin.

"Hasil temu bual bersama nelayan Tanjung Balau pagi ini (semalam), mereka mengesahkan tidak menemui tompokan baharu tumpahan minyak di laut, malam tadi (kelmarin).

"Berdasarkan maklumat itu, kami mengambil keputusan memperluaskan

pemantauan dari perairan Tanjung Balau hingga ke Pulau Lima dan Pulau Mungging," katanya ketika dihubungi, semalam.

Menurutnya, dengan kekuatan 10 anggota, Bot Al Nilam memulakan operasi pemantauan bermula jam 8 pagi semalam.

"Ia dijangka berakhir pada jam 6 petang, memandangkan tempoh itu diperlukan untuk mendapatkan peralatan tambahan yang dihantar ibu



pejabat melalui laluan darat hari ini.

"Sebanyak 40 absorbent boom akan tiba dan ia akan digunakan bagi menyerap kesan tumpahan minyak sekiranya ditemui," katanya.

Mengulas mengenai pencarian hari kedua semalam, Roslee berkata, tiada peralatan digunakan

memandangkan pihaknya tidak menemui tompokan baharu.

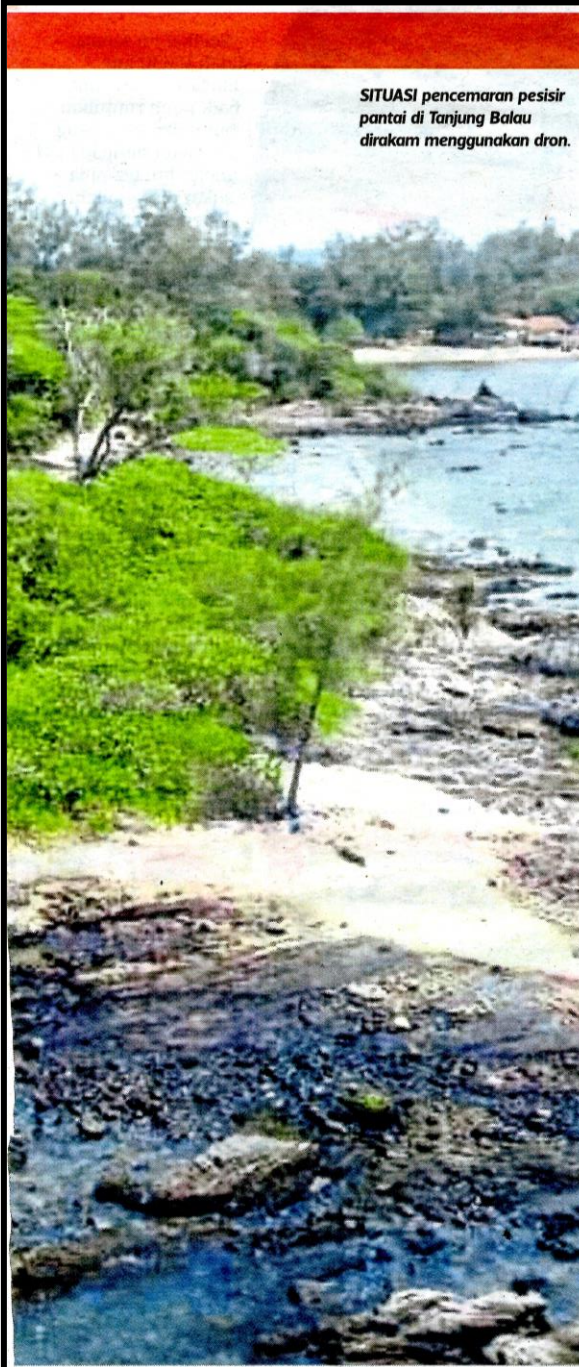
"Pemantauan hari kedua semalam membabitkan kawasan di Tanjung Balau, Batu Layar hingga ke perairan Tompok Utara, namun tidak menemui tumpahan minyak MFO (Marine Fuel Oil) itu," katanya.

Menurutnya, hujan di perairan itu semalam membantu proses pelarutan tumpahan minyak.

"Hujan boleh memecahkan dan menipiskan tompokan minyak selain keadaan cuaca panas pula membantu proses semula jadi pengewapan minyak," katanya.

LAMPIRAN 33 (SAMB.)
METRO AHAD (SETEMPAT): MUKA SURAT 9
TARIKH: 21 APRIL 2019 (AHAD)

SITUASI pencemaran pesisir pantai di Tanjung Balau dirakam menggunakan dron.



Sultan mahu rondaan ditingkat

Johor Bahru: Sultan Johor, Sultan Ibrahim Sultan Iskandar mahu pihak berkuasa mempertingkatkan serta memperketatkan rondaan di perairan Johor bagi mengelak pembuangan minyak kapal hingga mencemarkan laut.

Merujuk kepada kejadian tumpahan minyak di perairan Tanjung Balau dan Batu Layar, Kota Tinggi baru-baru ini, Sultan Ibrahim bertitah perkara itu akan memberi pelbagai kesan negatif kepada laut dan hidupan marin, selain menjejaskan pendapatan nelayan.

"Pihak berkuasa perlu mempertingkatkan rondaan bagi mencegah aktiviti pembuangan sisa oleh kapal tangki kerana ia akan memberi pelbagai kesan negatif," titahnya kepada *Royal Press*

Office (RPO), semalam.

Baginda bertitah, pihak berkuasa perlu mengenakan tindakan serta hukuman berat terhadap mereka yang didapati melakukan perbuatan itu.

Rabu lalu, *Harian Metro* melaporkan Jabatan Laut Wilayah Selatan menemui tompokan tumpahan minyak sepanjang kira-kira 10 kilometer di perairan Tanjung Balau dan Batu Layar, dipercayai berpunca daripada aktiviti pembuangan sisa oleh kapal tangki yang melalui kawasan berkenaan.

Kapal dipercayai membuang *Marine Fuel Oil* (MFO) ke laut bagi mengelak bayaran dikenakan di pelabuhan berikutan harganya dikatakan terlalu tinggi.

Nelayan dah mula turun laut cari makan

Kota Tinggi: "Kami bersyukur walaupun belum pulih sepenuhnya, tetapi pemantauan berterusan pihak berkuasa membantu nelayan kembali ke laut," kata Pengerusi Persatuan Nelayan Pengerang, Abu Bakar Mohamad, semalam.

Abu Bakar dan 50 nelayan Tanjung Balau dan Tanjung Lompat di sini, mula ke laut semalam selepas terjejas akibat tumpahan minyak sejak Rabu lalu.

Menurutnya, pemantauan secara berterusan Jabatan Laut Wilayah Selatan (Johor) di perairan Tanjung Balau di sini, memberi kesan positif dalam usaha mengurangkan kesan tompokan minyak

Marine Fuel Oil (MFO) di pesisir pantai.

Abu Bakar berkata, jumlah tompokan minyak yang berkurangan mendorong nelayan turun ke laut mencari rezeki.

"Sebaik diberitahu keadaan bertambah baik, kami berani kembali ke laut. Daripada tiada apa-apa, sekurang-kurangnya ada juga rezeki nelayan yang terpaksa 'bercuti' sejak dua hari lalu.

"Nampaknya nelayan sudah boleh cari makan dan mereka membersihkan bot sekadar termampu kerana tidak mahu menunggu lama hingga terputus pendapatan," katanya.

LAMPIRAN 34
HARIAN METRO (SETEMPAT): MUKA SURAT 14
TARIKH: 20 APRIL 2019 (SABTU)

Mohd Sabran Md Sani
sab@hmetro.com.my

Kota Tinggi

"Ini pencemaran terburuk pernah kami alami," kata Pengerusi Koperasi Sinar Tanjung Balau, Salahuden Abu Bakar mengulas insiden pembuangan sisa *Marine Fuel Oil* (MFO) di kawasan itu sejak pagi Rabu lalu.

Ini terbukti apabila minyak kapal itu dilihat dengan jelas mengotori pesisir pantai Tanjung Balau hingga memberi kesan kepada sektor pelancongan.

Paling merisaukan tempoh baik pulih kesan pencemaran itu mengambil masa

berbulan, malah kesan tumpahan minyak sebelum ini hanya dapat diselesaikan sepenuhnya dalam enam bulan.

Menurut Salahuden, lebih terkesan apabila nelayan pesisir pantai mengalami kerugian besar apabila bubu dan peralatan menangkap ikan rosak.

"Kebetulan, banyak bubu baru yang dibuat menggunakan rotan, kayu dan dawai direndam di pesisir pantai bagi melembutkan strukturnya serta mengubah warnanya supaya kelihatan asli.

"Bagaimanapun, bubu yang dibeli pada harga RM200 setiap satu disaluti minyak hitam hingga menjejaskan mata pencarian nelayan

di kawasan ini," katanya di jeti Tanjung Balau di sini, semalam.

Katanya, bau minyak yang kuat menyebabkan ikan tidak masuk dalam bubu yang diletak di dasar laut.

"Kalau dibersihkan bubu itu belum tentu dapat menjatuhkan ikan mahupun hasil laut lain kerana bau minyak yang melekat dan sukar dibersihkan," katanya.

Salahuden berkata, insiden itu mengakibatkan nelayan kerugian RM8,000 selepas hampir 40 bubu direndam di pesisir pantai disaluti minyak hitam.

"Itu baru saja mengambil kira kos bubu, tidak termasuk kerugian daripada 20 bubu lain yang dipasang dan mampu menjana

40 guni sisa minyak hari pertama

Kota Tinggi: Kira-kira 40 guni sisa minyak *Marine Fuel Oil* (MFO) dikumpul menggunakan *absorbent boom* pada hari pertama pembersihan minyak di perairan Tanjung Balau di sini, kelmarin.

Penolong Pegawai Laut, Jabatan Laut Wilayah Selatan (Johor) Roslee Ibrahim berkata, jumlah minyak dikumpulkan itu meliputi kawasan seluas 500 hingga 700 meter persegi dari lokasi tumpahan.

"Kerja pembersihan perairan Tanjung Balau dimulakan pada jam 6 pagi semalam (kelmarin) selepas pemantauan menggunakan dron dan sistem komputer Apas melalui satelit menemukan tumpukan minyak," katanya ketika dihubungi, semalam.

Menurut beliau, pemantauan hari

kedua di laut tidak menemui tumpukan minyak baharu.

"Operasi bermula jam 8 pagi ini (semalam) diteruskan dengan mengesan tumpukan minyak di lokasi sama yang dilakukan semalam (kelmarin).

"Justeru kerja pembersihan pada hari kedua difokuskan di lokasi sama selepas kedudukan minyak dikesan melalui sistem satelit dan dron," katanya.

Menurutnya, pasukannya masih menggunakan kekuatan 10 anggota termasuk pegawai daripada bot Al Nilam bagi melaksanakan pembersihan kawasan terjejas.

"Sekiranya didapati tumpukan minyak MFO masih besar, kami akan menambah kekuatan bot dan anggota," katanya.

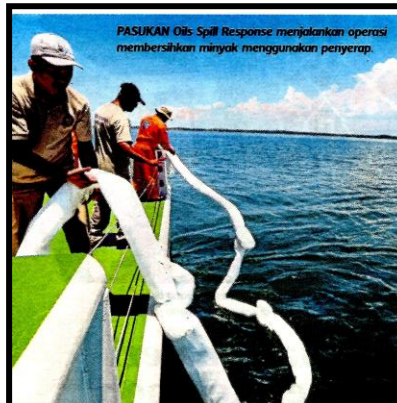
TANJUNG BALAU TERCEMAR

IKAN TAK MASUK BUBU

■ Nelayan rugi RM8,000 perangkap diselaputi minyak



**LAMPIRAN 34 (SAMB.)
HARIAN METRO (SETEMPAT): MUKA SURAT 15
TARIKH: 20 APRIL 2019 (SABTU)**



PASUKAN Oils Spill Response menjalankan operasi membersihkan minyak menggunakan penyerap.

pendapatan RM400 hingga RM500 seminggu. "Jarak bubu ditempatkan 500 meter hingga satu kilometer dan kedalaman 15 meter untuk membolehkan hasil tangkapan yang banyak," katanya. Katanya, nelayan Tanjung Balau dan Tanjung Lompat berharap dibayar pampasan akibat tumpahan minyak itu. Katanya, sebelum ini pencemaran yang berlaku di kawasan itu hanya membabitkan tempakan minyak. "Tetapi kali ini pencemaran membabitkan pesisir pantai sejauh dua kilometer. Ia juga melekat pada batu yang kerap dijadikan rujukan pelajar arkeologi Universiti Malaya (UM) bagi tujuan penyelidikan," katanya.



TUMPAHAN minyak meliputi kawasan seluas 700 meter persegi.



BUBU yang dibeli RM200 setiap satu tidak boleh digunakan lagi.



BANYAK bubu baru yang direndam diselaputi minyak.



SALAHUDEN menunjukkan bubu miliknya yang diselaputi minyak.



SISA minyak mencemari pesisir Pantai Tanjung Balau.

Kota Tinggi

Guna drone pantau tumpahan

Jabatan Laut Wilayah Selatan (Johor) menggunakan drone bagi merakam gambar dan video tumpahan minyak di Perairan Tanjung Balau di sini, untuk mengenal pasti kawasan terjejas dan merangka usaha pembersihan sejak kelmarin. Pengarahnya, Dickson Dollah berkata, penggunaan drone memudahkan kakitangannya membuat anggaran kawasan terjejas akibat pembuangan Marine Fuel Oil (MFO) itu. "Penggunaan drone membolehkan kami melihat dengan jelas dari atas ke mana tumpahan minyak itu dihanyutkan, sama ada menghalau laut atau pantai berdekatan. "Kami boleh mengambil langkah seterusnya termasuk merangka usaha pembersihan," katanya ketika ditemui mengendalikan drone di bot Jabatan Laut, Al Nilam, kelmarin.

Kota Tinggi

Seminggu bersih minyak

Jabatan Laut Wilayah Selatan (Johor) dijangka mengambil masa seminggu untuk membersihkan tumpahan minyak di perairan Tanjung Balau di sini. Pengarahnya, Dickson Dollah berkata, bagaimanapun tempoh itu bergantung kepada cuaca. "Melihat kepada situasi ketika ini, kami menjangkakan kerja pembersihan sisa tumpahan minyak mengambil masa seminggu. "Jika keadaan cuaca mengizinkan dan sisa minyak tidak dibawa arus akibat tiupan angin, ia akan diselesaikan dalam tempoh berkenaan," katanya ketika dihubungi, semalam. Menurutny, pasukan Oils Spill Response jabatan itu digerakkan bagi misi membersihkan tumpahan minyak dengan menggunakan peralatan tambahan Absorbent Boom. "Kami berharap pemantauan hari pertama pembersihan semalam (kelmarin) dapat mengelak sisa berkenaan mencemari pantai. "Berdasarkan pemerhatian, arus yang kuat sebelum ini mengakibatkan sisa minyak ke pantai Tanjung Balau," katanya.

LAMPIRAN 35
NEW STRAITS TIMES (NATION / NEWS): MUKA SURAT 13
TARIKH: 20 APRIL 2019 (SABTU)



An aerial picture taken by a drone showing the Marine Department ship 'Al Nilam' cleaning up the oil slick in the waters off Tanjung Balau in Kota Tinggi yesterday. PIX BY ZAIN AHMED

SEA POLLUTION

COMPENSATE US, SAY FISHERMEN

Oil slick has damaged our fishing equipment, they claim

MOHD SABRAN MD SANI
AND NURUL AMANINA SUHAINI
KOTA TINGGI
cnews@nstp.com.my

WITH their livelihood threatened by the recent oil slick, some 50 fishermen in Tanjung Balau and Tanjung Lompat have turned to the government for assistance.

"This is the worst oil slick we

ever faced," said Koperasi Sinar Tanjung Balau chairman Salahuden Abu Bakar.

The oil was also seen on nearby beaches, posing a threat to the marine ecosystem and tourism. He said rehabilitation efforts would take at least six months after the 10km slick was cleared.

This, he said, was on top of the losses they suffered due to damaged fishing equipment, including *bubu* (fish traps) and nets.

"Most of our new *bubu* are made of rotan, wood and steel wires. They are used here as they blend well with the natural landscape and made catching fish more effective.

"However, the new *bubu*, which costs RM200 each, are now covered in black oil. Even if we manage to clean them up, there is no guarantee that they will be usable again as the strong scent of grease will drive fish away," he said at Tanjung Balau here.

He said the fishermen had suffered losses amounting to RM8,000 when 40 of their fish traps were damaged.

"Each fisherman earns between RM400 and RM500 weekly. However, they cannot use *bubu* due to the oil slick," he said.

Salahuden hoped that the government could help the fishermen obtain compensation from the parties responsible.

The Marine Department had, on Thursday, found 300 tonnes of marine fuel oil covering a distance of 10km in Tanjung Balau and Batu Layar waters, with some of the black substance reaching the beach.

It had informed the Johor Environment Department to conduct a check on the oil samples.

Drone comes in handy for Marine Dept's clean-up work

KOTA TINGGI: The Marine Department Malaysia (southern region) is using drone technology to record images and videos of the oil slick in the waters off Tanjung Balau here to identify affected areas and plan clean-up work.

Its director, Dickson Dollah, said the drone had helped the department's personnel to estimate the extent of the oil-to-sea discharge.

"It is common to use drones to monitor oil spills in the sea. This is because we can have a clear aerial view of the slick and where it is heading, whether further out or to nearby beaches.

"That way, we can make the next move, including coming up with a plan to clean up the slick," he said on board the Marine Department's boat, *Al Nilam*, yesterday.

Dickson said the special drone was supervised by the Marine Department's emergency unit and was deployed since the first day of the oil spill.

"The emergency unit follows the boat. It does not only assist with the clean-up work, but also comes in handy in the event of a shipwreck. We have the expertise to handle the drone, which can record pictures and videos as evidence and store information for future reference."

According to Dickson, the drone would record pictures and videos of ship movements.

He said drones were used by the Marine Department in three circumstances: shipwreck investigations, salvaging operations and oil spills.

Bernama yesterday reported that the authorities had suspected that foreign tankers had discharged marine fuel into the sea, resulting in an oil slick off Kota Tinggi on Wednesday.

Quoting Dickson, it said satellite images had captured several vessels anchoring for more than two days from April 14 in the waters off Tanjung Balau and Batu Layar, where the slick was detected.

Dickson believed these ships could have discharged the fuel at night to avoid detection, and they had since left the area.

He estimated 300 tonnes of marine fuel oil had been dumped, covering an area of about four nautical miles from the coast.

A clean-up operation had been launched yesterday, he said, adding that it could take three to four days to clear the slick.



(Left) The oil slick found on a beach in Tanjung Balau, Kota Tinggi, yesterday. (Right) The crew of 'Al Nilam', a boat belonging to the Marine Department, deploying a net to clean up an oil slick yesterday.

LAMPIRAN 36
KOSMO! (DUNIA): MUKA SURAT 41
TARIKH: 22 APRIL 2019 (ISNIN)

Planet baharu di sistem solar Kepler-47

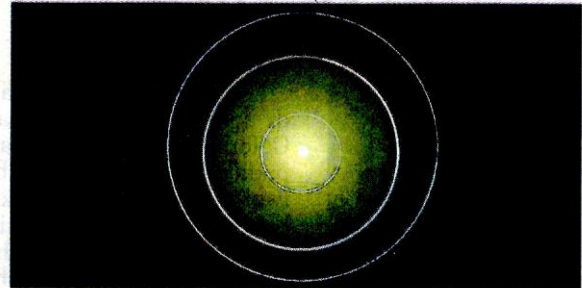
SAN DIEGO, California – Ahli astronomi Amerika Syarikat (AS) telah menemui planet ketiga dalam sistem solar Kepler-47 yang mempunyai dua matahari, lapor *The Astronomical Journal* baru-baru ini.

Penyelidik Universiti Kebangsaan San Diego memaklumkan planet itu lebih besar daripada planet Neptune tetapi kecil daripada Zuhal dengan suhu permukaan kira-kira 169 darjah Celsius.

Sebelum ini hanya dua planet dikesan mengelilingi orbit Kepler-47 kerana planet ketiga itu tidak melintas di hadapan dua matahari tersebut menyebabkan teleskop angkasa lepas Kepler milik Pentadbiran Aeronautik dan Angkasa Lepas Kebangsaan AS (NASA) gagal mengesannya.

"Kami mula mengesan sedikit petunjuk planet ketiga pada tahun 2012 tetapi kami memerlukan lebih banyak data untuk mengesahkannya. Dengan imej pergerakan terbaru, kami dapat mengesahkan tempoh pusingan orbit planet baharu itu," kata ketua penyelidik, Jerome Orosz.

Kumpulan penyelidik itu juga agak terkejut dengan lokasi dan saiz planet baharu tersebut. Planet baharu itu adalah yang paling besar antara ketiga-tiga planet dalam sistem solar berkenaan tetapi terselindung sejak sekian lama. – Agensi



NASA/JPLCALTECH/T.PYLE

ILUSTRASI artis menunjukkan orbit tiga planet dalam sistem solar Kepler-47.



NASA/JPLCALTECH/T.PYLE

ILUSTRASI artis menunjukkan saiz planet baharu tersebut (tengah) berbanding saiz dua planet lain yang ditemui dalam sistem solar sama pada 2012.