



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

Bil	Berita	Media	Capaian Berita Penuh
28 OKT 2019 (ISNIN)			
1.	<u>Malam ini dijangka ribut petir</u>	Harian Metro	Rujuk Lampiran 1
2.	<u>1,208 dipindah banjir 5 negeri makin buruk</u>	Berita Harian	Rujuk Lampiran 2
3.	<u>Hujan lebat dijangka hingga Mac tahun depan</u>	Berita Harian	Rujuk Lampiran 3
4.	<u>Malaysia bangun prototaip kereta elektrik 'kuasa air'</u>	Berita Harian	Rujuk Lampiran 4
5.	<u>More than 1,000 evacuated</u>	The Star	Rujuk Lampiran 5
6.	<u>Wednesday and Friday also 'No Plastic Bag Day' in Penang</u>	The Star	Rujuk Lampiran 6
7.	<u>Ban plastic bag usage completely</u>	The Star	Rujuk Lampiran 7
26 OKT 2019 (SABTU)			
8.	<u>3 saintis wanita terima anugerah L'Oreal UNESCO</u>	Berita Harian	Rujuk Lampiran 8



TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
28 OKT 2019 (ISNIN)			
9.	<u>Zero waste movement gains traction in Sabah</u>	The Star	Rujuk Lampiran 9
26 OKT 2019 (SABTU)			
10.	<u>Let's move from 3R to 7R</u>	News Straits Times	Rujuk Lampiran 10
11.	<u>Universities, students must innovative</u>	New Straits Times	Rujuk Lampiran 11
12.	<u>Pekan school robotics team beats odds to win gold</u>	New Straits Times	Rujuk Lampiran 12
13.	<u>SJK (T) Ladang Bahau pupils bag award with anti-mozzie cream</u>	New Straits Times	Rujuk Lampiran 13



ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
28 OKT 2019 (ISNIN)			
14.	<u>2 juta penduduk bergelap</u>	Berita Harian	Rujuk Lampiran 14
15.	<u>Plastic waste from big brands still polluting</u>	The Star	Rujuk Lampiran 15
26 OKT 2019 (SABTU)			
16.	<u>50,000 diarah pindah</u>	Harian Metro	Rujuk Lampiran 16
17.	<u>Heavy rains prompt Japan evacuation orders weeks after typhoon</u>	New Straits Times	Rujuk Lampiran 17



LAMPIRAN 1
HARIAN METRO (LOKAL): MUKA SURAT 03
TARIKH: 28 OKTOBER 2019 (ISNIN)



KEJADIAN ribut petir sekitar bandaraya Georgetown yang dirakam berhampiran Masjid Negeri Pulau Pinang, Jelutong.

Malam ini dijangka ribut petir

Kuala Lumpur: Hujan lebat, ribut petir dan angin kencang dijangka hampir keseluruhan kawasan di seluruh negara sehingga jam 9 malam ini.

Menurut Jabatan Meteorologi Malaysia (MetMalaysia), negeri Perlis, Kedah, Pulau Pinang, Perak, Kelantan, Pahang (Tanah Tinggi Cameron, Lipis, Raub, Bentong, Temerloh, Kuantan, Bera, Pekan dan Rompin), Selangor, Kuala Lumpur, Putrajaya, Negeri Sembilan,

Melaka Johor dan Sarawak (Kuching, Serian, Samarahan, Sri Aman, Betong, Sarikei, Sibul, Mukah, Kapit, Miri dan Limbang), Sabah (Pedalaman, Pantai Barat, Sandakan dan Kudat) akan dilanda cuaca buruk terbahit.

Amaran terbabit dikeluarkan di laman web MetMalaysia yang dikemaskini jam 4.50 petang semalam.

Sementara itu, Pusat Operasi Cuaca dan Geofizik MetMalaysia turut menge-

luarkan amaran kepada penduduk yang tinggal berdekatan perairan di seluruh negara.

Pada entri yang dikemaskini jam 2.45 petang, penduduk di kawasan perairan Perlis, Kedah, Pulau Pinang, Kelantan, Terengganu, Pahang, Sarawak Barat dan Sabah Timur diminta berjaga-jaga berikutan ribut petir, hujan lebat dan angin kencang dijangka melanda kawasan terbabit sehingga jam 8 malam ini.

LAMPIRAN 2

BERITA HARIAN (NASIONAL): MUKA SURAT 08

TARIKH: 28 OKTOBER 2019 (ISNIN)

1,208 dipindah banjir 5 negeri makin buruk

350 keluarga ditempatkan di 13 pusat pemindahan sementara

Oleh Haika Khazi, Ahmad Rabiul Zulkifli dan Syaherah Mustafa
bhnews@bh.com.my

Kuala Lumpur: Seramai 1,208 orang daripada 350 keluarga dipindahkan ke 13 pusat pemindahan sementara (PPS) akibat banjir yang semakin buruk di Selangor, Johor, Perak, Pulau Pinang dan Negeri Sembilan.

Portal bencana alam, Agensi Pengurusan Bencana Negara (NADMA) melaporkan setakat jam 4 petang semalam, mangsa banjir paling ramai ialah di Selangor membatikan 740 orang daripada 234 keluarga di Kuala Selangor yang dipindahkan ke empat PPS.

Daripada jumlah berkenaan, seramai 533 ditempatkan di PPS Sekolah Kebangsaan (SK) Parit Mahang; 89 dipindahkan ke Dewan MDSK Desa Coalfield; SK Jalan Setia Batang Berjuntai (46) dan Sekolah Rendah Kebangsaan (SRK) Ijok (72).

Di Perak, seramai 200 mangsa daripada 44 keluarga ditempatkan di dua PPS, masing-masing di Ke-

rian dan Hilir Perak, manakala di Seberang Prai, Pulau Pinang pula jumlah mangsa banjir dipindahkan ke tiga PPS di daerah berkenaan ialah 94 orang daripada 25 keluarga.

Dua kawasan dilanda banjir di daerah Hilir Perak adalah di Kampung Batu 7 dan Lorong Mesra Batu 7 1/2 di Teluk Intan. Di daerah Kerian, mangsa banjir ditempatkan di PPS SK Changkat Lobak, Selama.

Di Johor, seramai 105 mangsa daripada 24 keluarga dipindahkan ke dua PPS, masing-masing di Batu Pahat dan Pontian.

Pengerusi Jawatankuasa Kerajaan Tempatan, Kesejahteraan Bandar dan Alam Sekitar negeri, Tan Chen Choon, berkata 18 keluarga membatikan 75 mangsa terjejas selepas lima kampung sekitar daerah ini dinaiki air petang semalam. Lima kampung berkenaan ialah Melayu Raya, Paya Embun, Maju Jaya, Sepakat Jaya dan Pak Khalid.

Semua mangsa ditempatkan di Pusat Pemindahan Sekolah Kebangsaan (SK) Melayu Raya yang dibuka pada jam 6.45 petang kelmarin.

Chen Choon berkata, pelbagai agensi terbabit dalam menguruskan semua mangsa banjir antaranya Pejabat Daerah, Angkatan Pertahanan Awam Malaysia (APM), polis, Jabatan Meteorologi, Jabatan Kebajikan Masyarakat, Jabatan Pengairan dan Saliran



Anggota polis mengawal laluan trafik di Jalan Sungai Gadut-Rantau berhampiran Kampung Solok Rantau, Seremban selepas dinaiki air, semalam. (Foto ihsan PDRM)

serta banyak lagi.

Sementara itu di Jelebu, Negeri Sembilan seramai 69 mangsa daripada 23 keluarga ditempatkan di dua PPS.

NADMA juga mengesahkan bahawa Jalan Bagan Serai di Kerian menuju ke Alor Pongsu dan Selama ditutup kepada semua kenderaan akibat banjir.

Sementara itu, penduduk di Kelantan dan Terengganu mula

18 keluarga membatikan 75 mangsa terjejas selepas lima kampung sekitar daerah ini dinaiki air petang semalam.

Tan Chen Choon, Pengerusi Jawatankuasa Kerajaan Tempatan, Kesejahteraan Bandar dan Alam Sekitar negeri Johor

membuat persediaan bagi menghadapi musim tengkujuh susulan bermulanya musim monsun timur laut.

Di Rantau Panjang, lebih 50 keluarga di Kampung Jejawi, di sini, mula membuat persiapan banjir kerana penempatan mereka adalah kawasan rendah yang selalunya paling awal ditenggelami air.

Kebanyakan penduduk mengambil inisiatif menyimpan perabot, membersihkan perahu dan bot, mengalihkan ternakan ke tempat selamat selain ada daripada mereka yang membina rumah lebih tinggi.

Penduduk, Mohd Noor Jusoh, 68, mengakui sudah bersiap sedia menghadapi banjir dengan mengadakan gotong-royong bersama keluarga kerana kluatir banjir melanda dengan tiba-tiba.

Katanya, dia sudah biasa dengan bencana banjir kerana boleh dikatakan setiap tahun tidak kira banjir kecil atau besar kediamannya akan dinaiki air terutama pada musim tengkujuh iaitu No-

vember dan Disember.

Di Marang, Terengganu pula, kalangan pengusaha chalet di Pulau Kapas giat menjalankan persiapan bagi menghadapi musim tengkujuh yang dijangka bermula awal November ini.

Seramai 20 pengusaha chalet di pulau berkenaan giat membina benteng pasir pemecah ombak di hadapan chalet masing-masing sejak seminggu lalu.

Difahamkan dua daripada 20 chalet di pulau itu selain semua chalet di Pulau Gemilang sudah menutup operasi buat sementara berikutan cuaca yang tidak menentu.

Mohamad Nor Amirudin Yahya, 30, berkata dia dan rakan sekerjanya membina benteng pasir di hadapan chalet bagi memastikan ombak tidak merosakkan premis dan pelbagai kemudahan yang terdapat di sekitar kawasan itu.

"Kami mungkin hanya berada di pulau itu hingga akhir Oktober ini. Oleh itu persiapan perlu dijalankan segera sebelum meningalkan pulau," katanya.

LAMPIRAN 3
 BERITA HARIAN (NASIONAL): MUKA SURAT 09
 TARIKH: 28 OKTOBER 2019 (ISNIN)

Hujan lebat dijangka hingga Mac tahun depan

Beberapa lokasi terima paras purata lebih tinggi akibat Monsun Timur laut

Oleh Haika Khazi
 mfaizul@bh.com.my

Kuala Lumpur: Monsun Timur Laut dijangka menyebabkan beberapa siri hujan lebat di negeri Pantai Timur dan Pantai Barat, Semenanjung Malaysia hingga Mac 2020.

Jabatan Meteorologi Malaysia (MetMalaysia) menjelaskan Terengganu dan Kelantan dijangka menerima hujan pada paras purata antara 350 milimeter (mm) hingga 850mm, manakala kawasan timur Pahang serta timur Johor dijangka menerima hujan pada paras purata antara 300mm hingga 450mm.

Selain itu, beberapa kawasan di Pantai Barat Semenanjung seperti Perlis, Kedah, Pulau Pinang, Perak, Selangor, Kuala Lumpur dan Putrajaya dijangka menerima hujan sedikit melebihi paras purata antara 250mm

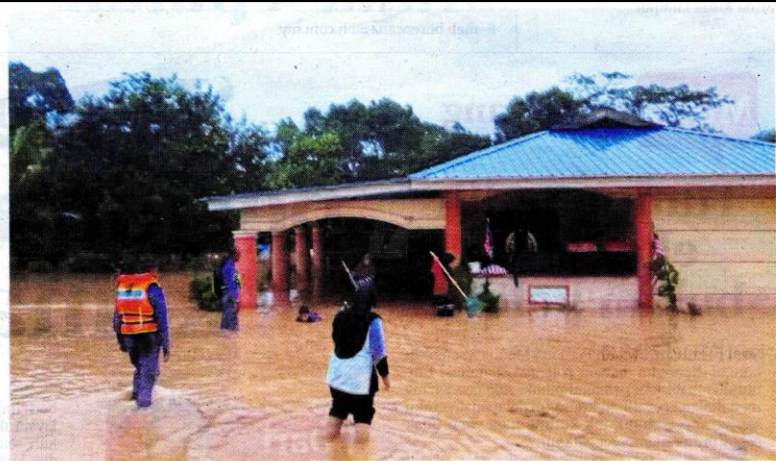
hingga 450mm.

Di Sarawak pula, kebanyakan bahagian dijangka menerima hujan pada paras purata iaitu antara 250mm hingga 500mm, manakala Sabah dan Labuan dijangka menerima hujan pada paras purata antara 200mm hingga 400mm kecuali bahagian Keningau dan Tawau dengan paras purata yang lebih rendah iaitu antara 100mm hingga 200mm.

"Kelantan dan utara Terengganu dijangka menerima hujan pada paras purata antara 450mm hingga 800mm pada bulan Disember ini. Di kawasan tengah hingga selatan Terengganu, timur Pahang dan timur Johor bakal menerima hujan sedikit melebihi purata antara 600mm hingga 900mm.

"Bagi kawasan lain di Semenanjung, terutama Pantai Barat dijangka menerima hujan pada antara 100mm hingga 350mm. Di Sarawak, pula kebanyakan kawasan dijangka menerima hujan antara 300mm hingga 550mm.

"Kudat dan Sandakan di Sabah pula dijangka menerima hujan antara 350mm hingga 550mm, manakala tempat lain di Sabah dan Labuan dijangka menerima hujan antara 100mm hingga 300mm," kata MetMalaysia dalam satu kenyataan.



Anggota Pertahanan Awam membantu mangsa banjir di sekitar Pontian, Johor.

(Ihsan APM)



Padang Sekolah Menengah Kebangsaan Alor Pongsu dinaiki air susulan hujan lebat berterusan, semalam.

(Foto Shaiful Shahrin Ahmad Pauzi/BH)



72 mangsa banjir daripada 49 keluarga ditempatkan di Pusat Pemindahan Sementara SK Ijok, Bestari Jaya, Kuala Selangor.

(Foto Amirul Aiman Hamsuddin/BH)

Mengulas lanjut, MetMalaysia meramalkan hujan monsun di beberapa negeri, terutama Pantai Timur Semenanjung dijangka mulai berkurang menjelang Januari 2020.

Namun, MetMalaysia berkata di timur Pahang serta tengah dan timur Johor dijangka menerima taburan hujan melebihi paras purata antara 250mm hingga 550mm.

Kawasan di utara Terengganu menerima hujan antara 300mm hingga 500mm. Kawasan lain di Semenanjung dijangka menerima taburan hujan pada paras purata antara 20mm hingga 250mm.

LAMPIRAN 4
BERITA HARIAN (BISNES): MUKA SURAT 18
TARIKH: 28 OKTOBER 2019 (ISNIN)



Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin bersama wakil 5 entiti pada majlis menandatangani MOA...

Malaysia bangun prototaip kereta elektrik 'kuasa air'

Lima entiti terbabit inisiatif HyPER dengan suntikan modal RM500,000

Oleh Che Wan Badrul Alias chewan@bh.com.my

Malaysia berpotensi mengeluarkan prototaip kereta elektrik disepadukan dengan sel bahan api hidrogen (Fuel Cell)...

(MNA Energy) dan Wheelspin Motorsports, dengan kerjasama Universiti Teknologi Malaysia (UTM). Handal Energy Solutions adalah anak syarikat milik penuh Handal Energy Bhd (Handal)...

sistem MESS; manakala Wheelspin Motorsports pula bagi platform kereta. "Kami menyasarkan kereta itu akan sedia dibangunkan menjelang akhir tahun ini...

yang disimpan secara hibrid dalam ultrakapasitor menggunakan teknologi nano grafin dan bateri litium ion. Justeru, katanya, pengguna di bandar mudah mendapatkan akses bekalan kuasa untuk mengecas kereta hanya dalam beberapa minit...

LAMPIRAN 5
THE STAR (NATION): MUKA SURAT 12
TARIKH: 28 OKTOBER 2019 (ISNIN)

More than 1,000 evacuated

MetMalaysia warns of thunderstorms, heavy rain and strong winds

By FATIMAH ZAINAL
fatimah@thestar.com.my

PETALING JAYA: The number of flood evacuees nationwide now stands at more than 1,000 in five states compared to just over 300 victims last week.

There were 1,208 evacuees from 334 families placed at 13 temporary relief centres as of yesterday evening, according to the National Disaster Management Agency (Nadma).

These flood evacuees were from Selangor, Penang, Negri Sembilan, Perak and Johor, with Selangor topping the list at 740 people, who were moved to four relief centres.

In Perak, there were 200 evacuees placed at two centres; 94 at three centres in Penang; 105 at two centres in Johor; and 69 at two centres in Negri Sembilan.

The Malaysian Meteorological Department (MetMalaysia), in a warning issued yesterday, said that thunderstorms, heavy rain and strong winds were expected in Perlis, Kedah, Perak, Kelantan, Terengganu, Sabah and Sarawak.

This is owing to the fact that the country is currently in the midst of a transition period of the monsoon season, which started in late September and will last until early November.

During this phase, thunderstorms, heavy rainfall and strong winds occurring in short periods, especially in the late evenings, will happen frequently.

MetMalaysia warned that this phase would bring heavy rainfall which could cause flash floods in low-lying areas and structural damage.

Coastal areas are also particular-

ly at risk, especially if continuous heavy rainfall coincides with the high-tide phenomenon.

According to MetMalaysia's weather monitoring report from October 2019 to March 2020, most states in the peninsula are expected to receive an average rainfall of between 150mm and 350mm this month.

"However, Perlis, Perak, Selangor, Kuala Lumpur and Putrajaya are expected to receive above-average rainfall levels of between 300mm and 420mm.

"Kedah and Penang are also expected to receive a lot more rain than other states, between 350mm and 500mm," said the report available on its website.

In Sarawak, most areas may receive average rainfall levels of between 200mm and 450mm, except around Kuching, Sri Aman

and Samarahan which are likely to receive less rainfall at between 200mm and 300mm.

In Sabah, Kudat, Keningau and Tawau may get average rainfall levels of between 100mm and 250mm with other parts expected to receive between 200mm and 400mm.

MetMalaysia said the northeast monsoon will start early next month and end in March, and this will bring heavy rains to the east coast states.

"Terengganu and Kelantan will receive an average rainfall of between 350mm and 850mm," said the report.

Monsoon rains in the east coast of the peninsula, however, will start to ease up and decrease in frequency come January, it added.

Rainfall, river water levels and the flood situation can be monitored via publicinfobanjir.water.gov.my.

TNB: Avoid electrical installations

KUALA LUMPUR: Tenaga Nasional Bhd (TNB) has advised people to stay away from electrical installations affected by bad weather or floods to prevent the risk of electrocution.

TNB chief corporate officer Datuk Roslan Ab Rahman said people were at risk of electrocution when they came into contact with fallen electric poles or cables.

He also advised parents to monitor their children during floods and bad weather to prevent mishaps.

"Sudden rise in water level could also increase the risk of electrocution," he said in a statement.

Anyone who comes across any situation that spells possible electrocution or disruption of power supply can notify the nearest TNB office, TNB Careline on Facebook or call 15454 so that appropriate action can be taken immediately. — Bernama



LAMPIRAN 6
 THE STAR (NATION): MUKA SURAT 06
 TARIKH: 28 OKTOBER 2019 (ISNIN)

Wednesday and Friday also 'No Plastic Bag Day' in Penang

By LO TERN CHERN
 andylo@thestar.com.my

GEORGE TOWN: The voluntary initiative to stop providing plastic bags to shoppers – even if they are willing to pay for it – will be extended to Wednesdays and Fridays from next year.

The existing “No Plastic Bag” campaign only applies to Monday. Penang Environment Committee

chairman Phee Boon Poh said the campaign was meant to create awareness on reducing single-use plastic.

“The extension is a continuation of our initiative following Penang’s success in being the first state to launch the ‘No Free Plastic Bag’ campaign in 2009,” he said.

The Penang government introduced the “No Plastic Bag Day” in stages, starting with the ruling that

free plastic bags would not be given on Mondays from July 2009.

It was extended to three days in a week in 2010, and daily in 2011 for certain businesses.

Plastic bags have to be bought at 20 sen each at supermarkets, supermarkets, department stores, convenient stores, fast food restaurants, petrol stations, chain stores and pharmacies.

The policy does not apply to petty

hawkers, traders at wet markets or stand-alone businesses.

Starting July 1, the state government brought the initiative one step further – no plastic bags for shoppers on Monday even if they are willing to pay 20 sen.

However, the initiative is on a voluntary basis, with no action taken against the fixed premises operators who do not take part.

In 2023, consumers will be charged

RM1 for each plastic bag, with the move approved by the Energy, Science, Technology, Environment and Climate Change Ministry.

The implementation of no single-use plastic such as plastic straws, plastic lids and cups will begin with an educational enforcement exercise in January.

It will then be followed by a verbal enforcement exercise next July before it goes fully operational in 2021.

LAMPIRAN 7
 THE STAR (NATION): MUKA SURAT 06
 TARIKH: 28 OKTOBER 2019 (ISNIN)

Ban plastic bag usage completely

Start at root of the problem, group urges govt

By RAHIMY RAHIM
 rahimyr@thestar.com.my

PETALING JAYA: Environmental groups have reacted to the government's decision to extend the 20sen plastic bag charge to all types of business premises in 2022, by calling for a complete ban on the use of plastic bags.

Pertubuhan Pelindung Khazanah Alam Malaysia (Peka) president Puan Sri Shariffa Sabrina Syed Akil said if the government wanted to help reduce the single usage of plastic, it should completely ban it.

She said business operators made money from the 20sen charge, adding that what they did with the money should be made known.

"Business operators would be more than willing to sell plastic bags because they are making money and consumers do not mind forking out that amount because it is quite cheap.

"If the government is serious about reducing the use of plastic bags, it needs to start from the root

... just ban it instead," she said. Deputy Prime Minister Datuk Seri Dr Wan Azizah Wan Ismail was reported to have said that the 20sen plastic bag charge would be extended to all types of business premises in 2022.

In her speech at the launch of the Love for Environment campaign in Subang Jaya on Saturday she said the move was among the key initiatives under the Roadmap Towards Zero Single-Use Plastics 2018-2030, which included a no-straw-by-default practice that encouraged users to drink directly from a cup or glass.

Sahabat Alam Malaysia secretary-general S. Mageswari said the move was counter-productive.

She also called for a total ban.

"There are many countries taking concrete steps to protect the environment by removing the use of plastic," she said.

She also said that the people needed to know what the 20sen collected was being used for, and whether the authorities were actually keeping tabs on how many



Excessive use: Traders are willing to sell plastic bags because they are making a profit and consumers do not pay because it is quite cheap, says Peka.

plastic bags had been sold.

"Until now, we have yet to see any concrete proof what the money collected is used for. If there is a 'no plastic' day, what is the point of selling plastic bags for 20sen.

"It is simple, just do not sell it at the counters," she said.

Malaysian Nature Society president Prof Dr Ahmad Ismail said when the government first proposed the idea, hawkers and businesses complained that this would result in extra cost for them.

"If they charge 20sen, some will say it is too expensive, but if it is too cheap, we will not be able to change the public's lifestyle. We should educate them aggressively," he said.

Prof Ahmad suggested that the Energy, Science, Technology, Environment and Climate Change

Ministry start a campaign along with local authorities with the participation of state executive councils.

The Federal Government introduced the "No Plastic Bag Day"

campaign every Saturday since Jan 1, 2011.

Several states such as Selangor, Penang, Melaka, Perlis, Perak, Terengganu, Kelantan and Sarawak then followed suit.

In the Federal Territories, retailers are only allowed to provide biodegradable and compostable plastic bags.

From March, retailers also began charging customers 20sen for every plastic bag.

Besides this, several states also implemented the "Straws on Request" campaign, namely the Federal Territories (starting January 2019), Kedah and Penang (April 2019) and Selangor (July 2019).

From Jan 1 next year, plastic straws will be banned in the Federal Territories of Kuala Lumpur, Putrajaya and Labuan.

LAMPIRAN 8
 BERITA HARIAN (WANITA & KELUARGA): MUKA SURAT 54
 TARIKH: 26 OKTOBER 2019 (SABTU)

3 saintis wanita terima anugerah L'Oreal UNESCO

Kuala Lumpur: Tiga saintis wanita tempatan menerima Anugerah L'Oreal UNESCO For Women in Science Fellowship dari L'Oreal Foundation, hasil pencapaian inovatif mereka dalam bidang sains.

Mereka adalah Penyelidik dari University of Nottingham Malaysia, M Shivaani, 32, Dr Wan Iryani Wan Ismail, 40, dan Dr Lim Way Foong masing-masing dari Universiti Malaysia Terengganu dan Universiti Sains Malaysia.

Menerusi anugerah itu, ketiga-tiga mereka turut diberi geran penyelidikan bernilai RM30,000 seorang bagi menajayakan projek yang sedang dilakukan.

Geran bernilai RM90,000 itu bertujuan menonjolkan pembabitan wanita dalam penyelidikan sains sekali gus merapatkan jurang perbezaan antara jantina.

Shivaani menjalankan penyelidikan mengenai kepadatan mamogram dan faktor risiko tinggi kanser payudara dalam kalangan wanita Asia.

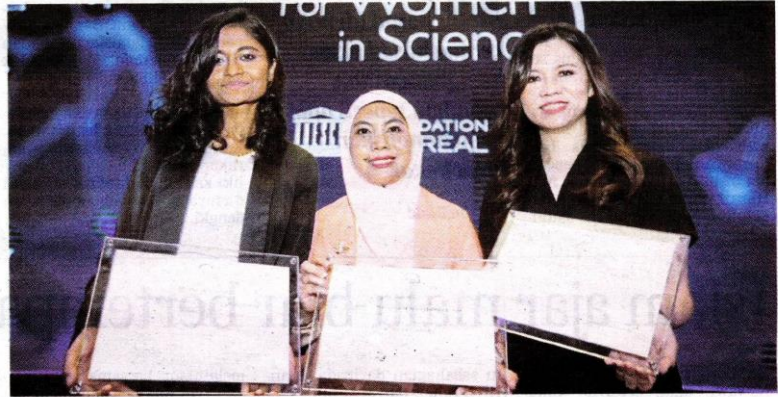
Beliau yang melanjutkan pe-

ngajian Ijazah Kedoktoran (PhD) universiti sama, berkata kajian itu selari dengan tahap risiko kanser payudara di negara ini yang dilaporkan 50 peratus lebih tinggi daripada tahap risiko global.

"Jadi saya menghasilkan model yang mampu meramal risiko dan strategi pemeriksaan yang lebih efektif bagi pengesanan awal berpotensi untuk menyelamatkan juttan nyawa.

"Ini kerana risiko bagi kanser payudara tidak sama antara wanita dengan wanita lain, jadi dengan mengubah suai cara pemeriksaan selari profil risiko individu, kita berupaya mengesan kanser lebih awal, mengelakkan kebimbangan golongan itu yang membuat pemeriksaan biasa," katanya.

Anugerah itu disampaikan oleh **Timbalan Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Isnaraissah Munirah** Majlis dengan disaksikan Puteri Sultan Selangor, Tengku Zatashah Sultan Sharafuddin



Wan Iryani (tengah) bersama Way Foong (kanan) dan Shivaani pada majlis penyampaian Anugerah L'Oreal UNESCO For Women in Science Fellowship di Kuala Lumpur. [Foto Nurul Syazana Rose Razman/BH]

Idris Shah di ibu negara, baru-baru ini.

Projek itu mengiktiraf saintis yang menjalankan penyelidikan mengenai ketepatan ramalan risiko kanser; kajian pencegahan masalah berat badan berlebihan dan juga kaitan warna dengan hormon.

Sejak awal pertubuhan L'Oreal Foundation menganugerahkan lebih RM1 juta nilai geran kepada lebih 40 saintis wanita sebagai pengiktirafan pencapaian mereka dalam bidang sains.

Sementara itu, Dr Wan Iryani melakukan penyelidikan dalam mengkaji keberkesanan madu dalam menyelesaikan masalah edema yang sudah dijalankannya lebih 10 tahun.

"Madu mempunyai potensi dalam menurunkan berat badan menerusi penyelidikan mendalam mengenai khasiatnya," katanya.

Dr Way Foong pula menghasilkan versi alternatif untuk menggantikan sinaran diod pemancar cahaya (LED) bagaimana

warna mempengaruhi hormon.

"Saya menghasilkan cahaya tiruan pada cahaya LED memancarkan sinaran biru kerana kesan buruk akibat pendedahan berlebihan menjadi punca kepada masalah kesihatan.

"Meskipun cahaya tanpa radiasi sinaran biru tidak mustahil untuk diciptakan dengan menggunakan cahaya ungu, tetapi cara ini memerlukan banyak kajian dan ujian untuk menentukan kepanjangan gelombang sesuai bagi mata manusia," katanya.



LAMPIRAN 9
THE STAR (NATION): MUKA SURAT 06
TARIKH: 28 OKTOBER 2019 (ISNIN)

Zero waste movement gains traction in Sabah

By STEPHANIE LEE
stephanielee@thestar.com.my

KOTA KINABALU: An environment-care motivated group aimed at living with zero waste is gaining momentum in Sabah.

Inspired by the movement and mission of its founders in the peninsula, marine biologist and conservator Ruth Yap took it upon herself to bring the Zero Waste movement to Sabah.

"Sabah is a very beautiful land. It will be a pity if we do not do something today to protect it for the

future generation," she said.

Calling themselves members of Zero Waste Sabah, the group shares about how they go about their daily lives doing even the smallest things to help contribute to the cause.

Some bring their own containers when buying takeaway food or own containers and cups when ordering boba tea, while others share about how they use banana leaves to wrap food and other stuff.

In less than a year, the Zero Waste Sabah group has garnered more than 6,000 environmentally-conscious members, and the number is

growing by the day.

Prior to the setting up of the group, Yap worked with Reef Check Malaysia, an NGO that does coral reef conservation, upon graduating with a first-class honours Bachelor's degree in Marine Science.

"While working with Reef Check Malaysia, I saw the negative impact of tourism activities on islands and the environment," she said, adding that the level of awareness of environment care was still very low in Sabah.

She said when she came back to Sabah, she saw the problem of

waste management and many times felt powerless as when she asked people about this, they would often blame the government or others but not themselves.

Having also worked in New Zealand for quite some time, Yap said the waste management system there worked so well due to the local council's ability to get the people to segregate household waste.

By end of 2018, she started the Zero Waste Sabah Facebook page and managed to get members to also do their part to save the environment while getting others to join in

and hopefully, learn a thing or two from nations that make this work.

Yap said the zero waste lifestyle applied the 5R principles – refuse, reduce, reuse, recycle and rot – to among others, reduce household waste.

Zero Waste Sabah was successfully registered as a non-profit organisation under the Registrar of Societies in August 2019, aiming to advocate this sustainable lifestyle throughout Sabah.

The body depends on public donations to organise zero waste awareness and educational activities.

LAMPIRAN 10
NEW STRAITS TIMES (OPINION): MUKA SURAT 37
TARIKH: 26 OKTOBER 2019 (SABTU)



DR SHAHINO MAH ABDULLAH

CLIMATE CHANGE

LET'S MOVE FROM 3R TO 7R

The circular economy adopts the 'regenerative' approach where 'all waste should be food for another process'

NOTWITHSTANDING the current cooler spell, Malaysia is hotter than ever before, and the trend shows no signs of reversing to the temperatures enjoyed by Malaysians over the last few decades.

This fact was also acknowledged by Prime Minister Tun Dr Mahathir Mohamad in his speech at the 74th session of the United Nations General Assembly (UNGA) in New York last month.

He had urged the global community to pay serious attention to combating extreme climate change. He also highlighted the importance of survival initiatives, such as alternative shelter and food production, in case of a calamity.

Indeed, a majority of countries are experiencing the drastic effects of climate change, as evident from UNGA where almost all leaders brought up the issue.

Most climate scientists agree that human activity is the leading cause of global warming, which in turn triggers climate change. Previously, the natural emission of carbon dioxide (CO2) was the most significant factor in global warming as it formed the largest concentration in the Earth's atmosphere compared with other greenhouse gases (GHG).

However, human activity stemming from industry, energy production, transportation using carbon-based fuels, and the sum of agricultural activities, food production, land-use and forestry now contribute up to 29 per cent (i.e. more than one-fourth) of the total global GHG emissions.

In this regard, the world needs to shift its attention to sustainable resource management and development practices to curb climate issues.

The transition from fossil fuels to renewable energy has taken place in many developed and de-



Traffic congestion on roads and bridges can be reduced if we practise the '7R' concept. FILE PIC

veloping nations, reducing their carbon footprint.

Among the progressive measures has been the increase in facilities for renewable energy, including solar farms, wind turbines, biomass and hydroelectric plants — creating a sustainable "energy mix" ecosystem. In addition, "energy efficiency" and "energy conservation" practices were also introduced.

Energy efficiency requires consumers to invest in equipment that can operate with less energy for the same or more load, while energy conservation requires consumers to reduce the use of electrical appliances.

These measures can save natural resources from depletion, keep the environment free from pollution, and save some money in the long run.

The best environmentally friendly activities include the 3R practice of "reduce, reuse, and recycle". Some might extend this idea up to seven (7R) in a circular flow — rethink, refuse, reduce, repurpose, reuse, recycle and rot.

These ideas are commonly applied to daily products or consumables, but the concept can also be applied to other human activities such as transportation. For instance, first, we should rethink whether or not it is nec-

essary to drive fast and recklessly. Driving fast will consume more fuel, release more carbon and might put other people at risk. As a result, the second step would be to refuse to make it a practice.

Third, we should reduce our driving activity by prioritising what is important or at least make the most out of a single trip by accomplishing multiple tasks. Additionally, instead of using a car for a single purpose, a car-sharing practice will make better use of its capacity; this can be considered as repurposing or reusing.

This, in turn, will reduce traffic congestion and pollution, while adding value to the car owner. Finally, as the car reaches a certain mileage, we must plan whether to restore, sell or recycle the vehicle.

Ideally, the process of managing resources will form a closed-loop system; this circularity is aimed at eliminating waste and promoting the continual use of resources — a model known as the circular economy. Unlike the traditional linear economy with the "take, make and dispose" approach that lets waste end up in landfills, the circular economy adopts the "regenerative" approach where "all waste should be food for another process", in-

spired from the natural system.

It will mainly involve "reuse, remanufacturing, and recycling" processes. According to the Ellen MacArthur Foundation paper, "Completing the Picture: How the Circular Economy Tackles Climate Change", switching to renewable energy could cut GHG by 55 per cent, and the circular economy could reduce the remaining 45 per cent emissions mainly from the making of products and food production.

In Muslim countries, the concept of the circular economy has been a subject of rigorous discussion especially by those in the Islamic finance circle. Several Islamic concepts in relation to managing resources and the ecology, such as *mizan* (universal balance), *miqdar* (proportion), *khalifah* (stewardship) and *maqasid* (purposeful use) are supportive of the circular approach.

These Islamic principles can serve as catalysts, among others, to encourage the Muslim community to live in a sustainable system, thus contributing to the efforts to address the climate issue at the global level.

The writer is a research fellow at the International Institute of Advanced Islamic Studies Malaysia. His email is shahino@iaais.org.my

The world needs to shift its attention to sustainable resource management and development practices.

LAMPIRAN 11
NEW STRAITS TIMES (OPINION): MUKA SURAT 39
TARIKH: 26 OKTOBER 2019 (SABTU)



SIMONE GALIMBERTI

SUSTAINABLE DEVELOPMENT GOALS

UNIVERSITIES, STUDENTS MUST INNOVATE

New instruments based on cooperation and partnership among local varsities are vital to achieve global SDGs

UNIVERSITIES in Malaysia are faring pretty well, with their reputations increasingly recognised worldwide. While none is in any top 100 chart, they are decidedly on the rise. Perhaps embracing stronger student engagement and promoting active participation of students in solving problems could catapult them into the spotlight as among the best universities in terms of social impact.

The foundations are already solid with four national higher learning institutions recognised in the top 100 list of the Times Higher Education University Impact Rankings, a new global tool aimed at measuring and comparing the overall commitment of universities in achieving the Sustainable Development Goals (SDGs).

With inequality and climate change the most defining issues of our times, universities leveraging their connections with local communities are in a crucial position to lead in achieving the SDGs.

The Malaysian government, through the recently launched Shared Prosperity Vision 2030, is in a position to empower students' ingenuity and creativity not only in the creation of awareness of SDGs but also in coming up with novel solutions to the most pressing problems, from lack of quality healthcare and inclusive education, to creation of decent jobs to innovative ideas to improve recycling and reduction of plastic use to sustainable preservation of forests, rivers and oceans.

To facilitate and support such endeavours, we need new instruments based on cooperation and partnerships among universities.

Imagine, for example, the creation of a national SDGs' Impact Fund targeting university students, helping them develop the



Each university could hold an annual Sustainable Development Goals conference as a platform to share ideas and best practices.

required leadership and creativity to achieve the SDGs locally.

How would such a fund work? First and foremost, all the universities should come together through a National Compact for promoting and pursuing the SDGs.

At the global level the examples include the recently launched University Global Compact that was initiated by a group of 15 universities with the support of the Rockefeller Foundation, the Sustainable Development Solutions Network (SDSN) and United Nations Institute for Training and Research (UNITAR).

The SDSN itself is a global network with activities all over the world. Malaysia is well represented with a national chapter led by the Jeffrey Sachs Centre at Sunway University. Just to give an idea of the power of such networks, in August this year, SDSN, through its member Kateb University, hosted a symposium in Kabul, Afghanistan that focused on the role of universities in the implementation of the SDGs.

Such exercises should be promoted and coordinated in Malaysia, too. Each university should promote social innovation, partnering with students in the creation of local SDGs' hubs, university-based centres to achieve the goals locally. It is imperative that such a platform be co-driven and co-led by students and the management of the university.

Another is the Centre for En-

vironment and Development Studies (CEMUS), based at Uppsala University and the Swedish University of Agricultural Sciences, a student-initiated and led research centre, a trailblazer on collaborative partnerships.

Obviously, it took years for CEMUS to get where it is in student-driven sustainable development. The SDGs' hubs in Malaysia could gradually grow with students being mentored and supported by their respective academic staff.

A way to propel such hubs would be to gradually convert all existing and oftentimes overlapping campus-based committees related to environment and sustainability into a common platform; student associations and clubs empowered with a voice and a clear autonomy of action.

Bringing coherence and coordination among all campus stakeholders is strategically important. Carnegie Mellon, an elite university in the United States, is stepping up efforts with a campus-wide Sustainability Initiative and Voluntary University Review on the SDGs in 2020, both signs of a comprehensive common strategy in SDGs being championed by the university.

Such a collaborative spirit would be the catalyst to set up localised university-led SDGs' Impact Funds where students can be supported, technically and financially, to execute ideas to be judged, evaluated and

awarded through yearly competitions. The winners would be incubated at a central level by a "special purpose vehicle", the National SDGs' Impact Fund Secretariat, drawing expertise from members of the private sector and civil society acting as mentors and investors.

The government should take the lead in such a strategic initiative. Interestingly each university could hold an annual SDGs conference as a platform to share ideas and best practices.

For example, University Tunku Abdul Rahman's Sungai Long Campus organised a two-day first International Young Leaders Conference, that began yesterday, on SDGs entitled "Youth Empowerment and Inclusion in Achieving Sustainable Development Goals". Other universities have been promoting similar engagements.

The fact that Times Higher Education University Impact Rankings 2020 will be expanded to include all 17 goals rather than only 11 used in this year's ranking, should motivate each university in Malaysia to think and act boldly, step up engagement and allow students to have a share of leadership and a stake in the decision-making required to achieve the global SDGs.

The writer is the co-founder of ENGAGE, an NGO partnering with youths to promote social inclusion in Nepal. He can be reached at simone_engage@yahoo.com


It is imperative that such a platform be co-driven and co-led by students and the management of the university.

LAMPIRAN 12
 NEW STRAITS TIMES (NATION): MUKA SURAT 14
 TARIKH: 26 OKTOBER 2019 (SABTU)

NEWS / Nation

CHINA COMPETITION NEXT

PEKAN SCHOOL ROBOTICS TEAM BEATS ODDS TO WIN GOLD



The SK Seri Terentang Robotics Club team analysing their robots in Pekan on Oct 17. PIC BY MOHD RAFI MAMAT

SK Seri Terentang pupils triumph in South Korean fest with hardly a year's exposure to robotics

T.N. ALAGESH
 PEKAN
 news@nst.com.my

IN a move to spur creative and innovative thinking among their pupils, teachers at SK Seri Terentang here decided to spend their own money to buy robotics kit sets early last year.

The school then made their debut at the International Robotics Competition in Putrajaya in February last year and unexpectedly bagged the runners-up prize.

On Oct 20, it made the country proud after winning a gold medal at the "The Maker Robot Festival", a robotics competition which attracted participants from around the world in Ulsan, South Korea.

SK Seri Terentang Robotics Club adviser Mazlan Muhamad Yusof said the experience was an amazing journey, especially as the school exposed the pupils to robotics and programming only last year.

"When we first started, we collected money from the teachers to buy robotics kit sets. We never expected the school team to make it this far."

Due to this, he said, the school now had its own Robotics Club where its members assembled up to six sets of robots and conducted programming activities every week.

"We hope the achievements will encourage more Year One and Year Two pupils to join the club."

"We have a limited number of robotics kit sets as they are costly. This is compounded by the fact that there is no special fund for the club."

"However, club members are eager to learn and they spend long hours working on the robots," he said, adding that the pupils' parents had financially contributed to their children's South Korea trip.

Mazlan, who led the team of five pupils, along with two other teachers — Roslaini Abdullah and Roszita Ajmain, said the decision to travel to South Korea was to give the participants exposure on robotics and Korean culture.

"A Malaysian teacher who is in South Korea for a teacher exchange programme had told us about the festival. We decided to travel there hoping that the pupils could gain knowledge on robotics and learn a new culture."

"Surprisingly, we emerged tops and won gold in the sumo-bot category, which is where two robots attempt to push each other out of a circle," he said.

The five pupils who travelled to the festival were Muhammad Imran Mazlan, 10, Muhammad Baqir Borhan, 12, Muhammad Danish Fawwaz Mohamad, 11, Nurul Iman Mazlan, 11, and Nur Ishamina Amni Mohd Imeran, 10.

On their next competition, Mazlan said the team would travel to Guangzhou, China, next month to compete in the 2019 MakeX Starter City Guardian competition. He said the school's team was picked to represent Malaysia after winning gold at the MakeX Malaysia Robotics Competition, which was held in Universiti Kebangsaan Malaysia in Bangi on Oct 12 and 13.

"The participants have started their training and are making preparations for the competition. Training sessions include modifying robots and programming them to carry out instructions according to the requirements of the competition," he said, adding that some 60 countries would compete in the competition from Nov 28 to Dec 1.

SK Seri Terentang along with SK Putrajaya Presint 11(3) in Putrajaya recently won five medals including a gold medal in the South Korean robot festival.

LAMPIRAN 13
 NEW STRAITS TIMES (NATION): MUKA SURAT 14
 TARIKH: 26 OKTOBER 2019 (SABTU)

INTERNATIONAL YOUNG INVENTORS AWARD

SJK(T) Ladang Bahau pupils bag award with anti-mozzie cream

JEMPOL: Three young innovators from SJK(T) Ladang Bahau here, who came up with an anti-mosquito cream using natural ingredients, brought home the silver medal in the International Young Inventors Award (IYIA) held in Jakarta, Indonesia, recently.

M. Theertanah, S. Sharvin and S. Manishika, all aged 12, made Malaysia proud in the competition, which saw entries from 17 other countries.

The Year 6 pupils drew attention with their flawless English during the presentation of the product at IYIA, held at Taman Mini Indonesia Indah.

SJK(T) Ladang Bahau headmistress J.R. Kayathri Devi said 23 teachers from the school had

assisted in the formulation of the cream, made using herbs and plants found around its vicinity.

She said the process of making the cream began in December last year and took four months to be perfected.

"We initially took part in the International Green Technology Innovation competition at Universiti Malaysia Pahang in April and won a gold medal.

"With the support from the teachers, the Parent Teacher Association (PTA) and the School's Management Board (SMB), we submitted entries to compete in Jakarta.

"However, we did not expect to win the silver medal.

"The PTA and SMB have been helpful in our endeavour.



SJK(T) Ladang Bahau teachers and pupils showing the award they won in Jakarta, Indonesia. (Inset) The anti-mosquito cream. PIX BY ABNOR HAMILAM



"They sponsored the trip to enable us to compete in Jakarta," she said here.

Kayathri Devi said the product was made using natural ingredi-

ents such as lemongrass, neem and rue leaves, which is also known as *ruta graveolens*.

She said the product had passed a laboratory test conducted by SIRIM.

"We received positive feedback

based on surveys conducted among farm owners, workers and those in nearby housing estates," she said, adding that she hoped it could be commercialised soon.

LAMPIRAN 14
BERITA HARIAN (DUNIA): MUKA SURAT 57
TARIKH: 28 OKTOBER 2019 (ISNIN)

Dunia

Kebakaran hutan California

2 juta penduduk bergelap

Hampir 100,000 diarah pindah, angin kencang punca amaran dikeluarkan

Healdsburg: Pihak berkuasa California memberi amaran kelmarin, keadaan angin kencang dijangka memburukkan lagi kebakaran hutan di negeri utara Amerika Syarikat (AS) ketika penduduk diarah berpindah dan jutaan lagi bakal terputus bekalan elektrik.

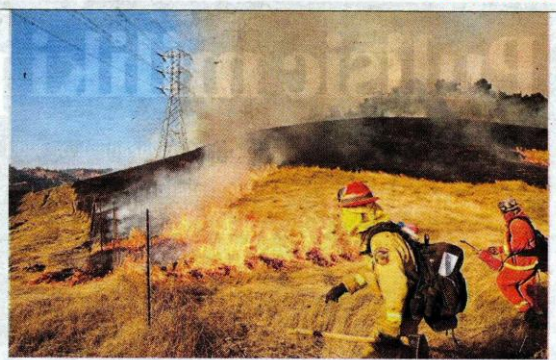
Hampir 90,000 orang diarah berpindah di Sonoma County,

utara San Francisco, berbanding 50,000 kelmarin berikutan merebaknya kebakaran digelar 'Kincade Fire' Rabu lalu.

Kebakaran itu mengancam memusnahkan puluhan ribu struktur dan memaksa pemindahan komuniti kecil di Geyserville selain menghentikan operasi pembuatan wain berhampiran.

Menjelang malam kelmarin, sejumlah 77 struktur termasuk 31 kediaman musnah, ketika lebih 2,800 anggota dikerah ke lokasi, menurut jurucakap Jabatan Perhutanan dan Perlindungan Kebakaran, Jonathan Cox.

"Ini adalah insiden dianggap bersejarah dan ekstrem. Kami menjangka kebakaran akan menjadi lebih besar mengambil kira tempoh tiupan angin," kata



Penduduk California diarah berpindah di Sonoma County, utara San Francisco kelmarin berikutan merebaknya kebakaran digelar 'Kincade Fire' Rabu lalu. (Foto REUTERS)

pakar meteorologi Perkhidmatan Cuaca Nasional AS, David King kepada akhbar *The Los Angeles Times*.

Keadaan angin luar pesisir kuat dan luar biasa diramal bermula malam kelmarin di kawasan teluk San Francisco, menurut perkhidmatan itu.

Kekuatan angin dijangka meningkat kelmarin sehingga pagi semalam, mencapai kelajuan antara 95 hingga 130 kilometer sejam, kata pakar meteorologi di kawasan teluk San Francisco, Ryan Walburn.

Keadaan angin itu menyebabkan amaran merah dikeluarkan, menunjukkan paras risiko tinggi, berterusan sehingga awal hari ini, kata pakar

meteorologi.

Syarikat utiliti terbesar California, Pacific Gas & Electric Co (PG&E) berkata, ia akan memutuskan bekalan kepada 940,000 pengguna sebagai penutupan berjaga-jaga yang dilaporkan media tempatan bakal menjejaskan dua juta penduduk.

"Keadaan cuaca paling teruk di California, sejak berdekad lalu. PG&E akan menutup bekalan kuasa untuk keselamatan selama beberapa jam, sebelum angin perosak tiba.

"Angin dengan magnitud sebegini menimbulkan risiko keretakan lebih besar dan percikan pada sistem elektrik selain menyebabkan kebakaran hutan lebih marak," katanya. AFP

LAMPIRAN 15
 THE STAR (STAR ASEAN): MUKA SURAT 20
 TARIKH: 28 OKTOBER 2019 (ISNIN)

Plastic waste from big brands still polluting

JAKARTA: Large national and multinational corporations are being called on to take responsibility for the amount of plastic waste polluting the country with a recent audit finding that plastics produced by such companies continue to contaminate the country's environment.

The audit was conducted by an international movement called Break Free From Plastic, which engaged more than 70,000 volunteers in 51 countries to conduct brand audits on the plastic waste they collected. The finding was published by the movement in a report titled *BRANDED Volume II: Identifying the World's Top Corporate Plastic Polluters*.

In Indonesia, more than 6,000 volunteers were involved in the audit, collecting a total of 13,309 pieces of plastic waste. While most of the plastic waste – around 6,298 pieces – was unbranded, volunteers also found that some of the waste came from big local and international brands.

The top three companies that produced the most plastic waste, according to the audit, were food



World of waste: Indonesian fishermen working amid plastic waste choking Sukaraja beach in Bandar Lampung, Indonesia. — AFP

producers Indofood, Danone and PT Mayora Indah.

Most of the plastic waste found in Indonesia was made from polyethylene terephthalate (PET), commonly used for plastic bottles, and low density polyethylene (LDPE), com-

monly used for bottle lids and shopping bags.

Volunteers also collected products that contained plastics, such as diapers and textile materials.

"The audit for Indonesia found 547 PET bottles made by Danone.

This shows leaks continue in the producer's waste collection system," said Fictor Ferdinand, a researcher with the Bioscience and Biotechnology Development Foundation.

Global coordinator of the Break

Free From Plastic movement Von Hernandez said the report showed the public that corporations around the world needed to take serious measures to solve the plastic waste crisis they had created. — The Jakarta Post/ANN

LAMPIRAN 16
 HARIAN METRO (GLOBAL): MUKA SURAT 33
 TARIKH: 26 OKTOBER 2019 (SABTU)

Los Angeles: Bomba berusaha sepanjang malam memadamkan kebakaran hutan yang marak akibat angin kencang dan mengancam ribuan bangunan di California.

Kira-kira 50,000 orang diarahkan berpindah akibat ancaman api besar digelar Kebakaran Tick yang melanda 4,000 hektar kawasan di utara Los Angeles.

Kebakaran tercetus pada petang Khamis dan mengakibatkan beberapa rumah serta bangunan terbakar, selain menyebabkan lebu raya dan jalan ditutup.

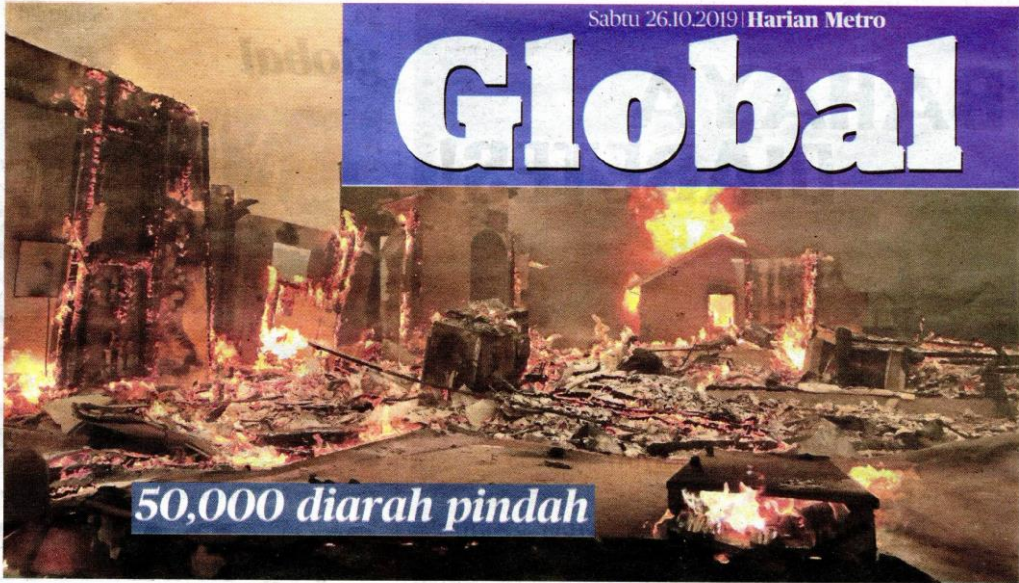
Kira-kira 500 bomba dibantu pesawat dan helikopter memadamkan kebakaran di kerah memadamkan api. Sehingga kini belum ada laporan kecederaan.

Amaran berpindah dikeluarkan untuk penduduk susulan angin kuat selain suhu panas dan kering.

Rabu lalu, 2,000 orang diarahkan berpindah selepas kebakaran belukar bermula di kawasan kecil tiba-tiba menjadi api besar yang melanda 16,000 ekar.

Bekalan elektrik turut disekat di utara California dan beberapa kawasan di selatannya sebagai langkah berjaga-jaga.

Perkhidmatan Cuaca Ke-



KEBAKARAN belukar bermula di kawasan kecil menjadi api besar yang membakar 16,000 ekar. - AFP

bangsaan berkata, angin sepatutnya mulai reda semalam tetapi dijangka bertiup lebih kencang, esok.

Penduduk Geyserville, Dwight Monson, 68, memberitahu Los Angeles Times: "Kami menyangka kedia-

man akan selamat kerana kebakaran masih agak jauh. "Namun angin kencang menyebabkannya marak de-

ngan pantas. Kami sekeluarga nyaris tidak sempat menyelamatkan diri ke lembah berhampiran."

Kebakaran hutan pada 2017 dan 2018 di California membunuh lebih 100 orang. - AFP

LAMPIRAN 17
NEW STRAITS TIMES (WORLD): MUKA SURAT 42
TARIKH: 26 OKTOBER 2019 (SABTU)

FEARS OF LANDSLIDES, FLOODS

Heavy rains prompt Japan evacuation orders weeks after typhoon

TOKYO: Tens of thousands of people were advised to evacuate yesterday as Japan was hit by heavy rains just two weeks after a deadly typhoon barrelled through the country.

The Japan Meteorological Agency issued warnings of heavy rains, landslides and floods in a swathe of areas, including eastern and central Japan.

"We see extremely heavy rains

in areas centring around Chiba prefecture," the JMA warned on its Twitter account, referring to a region east of here.

"As risks of disasters have already increased, please be extremely vigilant about landslides, rise in river water volumes and floods as rains will continue," it said.

Non-mandatory evacuation orders were issued to more than

4,000 residents in Chiba, and tens of thousands of others were also advised to evacuate in other prefectures, public broadcaster NHK reported.

Footage showed cars splashing through roads partly inundated with water, and swollen rivers seemingly on the verge of flooding.

The Chiba prefecture announced it planned to discharge

water from dams that had reached maximum capacity later yesterday, raising worries of river overflows in densely populated downstream areas.

Japan was hit by typhoon Hagibis about two weeks ago, with the death toll from the violent storm now standing at more than 80.

Residents still picking up the pieces after that storm expressed

frustrations over reconstruction delays and their fear of another disaster.

"I'm a bit worried that if an evacuation order is issued, we will have to leave here," a woman in Nagano in central Japan, who was cleaning up mud, told NHK.

Many of the river banks and levees that were breached during Typhoon Hagibis have not yet been repaired. **AFP**