

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>New energy initiative targets to accomplish three objectives</u> According to a Maybank IB Research report on the Malaysia: A New Dawn Conference, which featured a session with Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin, the broad agenda of MESI 2.0 is to accomplish three objectives, namely, encourage competition along the value chain, increase capacity for renewables as well as incentives energy efficiency among consumers.	The Star	Rujuk lampiran 1
2.	<u>Sunway University launches Master in Sustainable Development Management</u> YB Yeo Bee Yin, Minister of Energy, Science, Technology, Environment and Climate Change, Malaysia and Member of Parliament for Bakri, Johor delivered the keynote address before officiating the launch of the Master in Sustainable Development Management programme with Tan Sri Dr Cheah and Professor Sachs.	Eco Business	Klik pada tajuk berita
3.	<u>'A New Dawn' addresses nation's recalibration and new growth story</u> Members of Parliament who were also present as speakers or panellists were Minister of Communications and Multimedia Gobind Singh Deo, Minister of International Trade and Industry Datuk Darell Leiking, Minister of Energy, Technology and Science Yeo Bee Yin, Minister of Works Baru Bian, Minister of Housing and Local Government Zuraida Kamaruddin and Deputy Minister of Agriculture and Agro-based Industry Sim Tze.	The Borneo Post	Klik pada tajuk berita
4.	<u>Shah Alam sambut hari jadi ke-18</u> MBSA telah melaksanakan pelbagai inisiatif, program dan projek berkaitan Bandar Rendah Karbon ini bagi memastikan Shah Alam mencapai tahap pengurangan karbon menjelang tahun 2030. Melalui komitmen ini, MBSA telah menjalin	Sinar Harian	Klik pada tajuk berita

	kerjasama dengan Kementerian Tenaga, Teknologi Hijau & Air (KeTTHA), Sustainable Energy Development Authority Malaysia (SEDA), Malaysian Green Technology Corporation (MGTC) dan Malaysian Institute Planners (MIP).		
5.	<u>Kualiti IPU di Pasir Gudang terkawal</u> “Daripada IPU dikeluarkan Jabatan Alam Sekitar (JAS), udara di Pasir Gudang masih berada di tahap sederhana. Dalam tempoh terdekat ini juga tiada sebarang masalah yang berlaku.	Sinar Harian	Klik pada tajuk berita
6.	<u>Ini amaran ribut petir di lapar negeri di Pantai Barat</u> Menurut kenyataan Jabatan Meteorologi Malaysia, keadaan serupa juga dijangka berlaku di kawasan perairan Selat Melaka, Tioman, Condore dan Bunguran sehingga tempoh yang sama.	Astro Awani	Klik pada tajuk berita
7.	<u>Air pasang besar perkara biasa tapi perlu waspada</u> Ketua Pengarah Jabatan Meteorologi Malaysia (METMalaysia), Alui Bahari, berkata kejadian air pasang besar adalah fenomena biasa kerana ia dipengaruhi daya graviti matahari dan bulan yang menjadi penentu utama kepada proses pasang surut air laut.	Berita Harian	Klik pada tajuk berita
8.	<u>Banjir kilat jejas rumah perlindungan warga emas</u> “APM bekerjasama dengan Jabatan Meteorologi Malaysia untuk memantau keadaan cuaca dan bersedia memberikan bantuan kecemasan jika memerlukan,” katanya dalam satu kenyataan, di sini, hari ini.	Berita Harian	Klik pada tajuk berita
9.	<u>Paras air laut di Klang cecah 5.2 meter</u> Sementara itu. Ketua Pengarah Jabatan Meteorologi Malaysia (METMalaysia), Alui Bahari, berkata kejadian air pasang besar adalah fenomena normak kerana ia dipengaruhi daya graviti matahari dan bulan yang menjadi penentu utama kepada proses pasang surut air laut.	Berita Harian	Rujuk lampiran 2

10.	<u>Banjir di Kedah, Perak, Selangor terkawal</u> Katanya, dalam memastikan keadaan terkawal, pihaknya mendapat kerjasama polis, Jabatan Bomba dan Penyelamat Malaysia (JBPM), Angkatan Pertahanan Awam (APM), Jabatan Kebajikan Masyarakat (JKM) dan Angkatan Tentera Malaysia (ATM), selain sentiasa mendapatkan maklumat terkini berhubung perubahan cuaca daripada Jabatan Meteorologi.	Berita Harian	Rujuk lampiran 3
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TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
11.	<u>Flash floods wreak havoc, trapping motorists in JB</u> Among the areas affected were Kg Hajah Hasnah, Kampung Ben-dahara, Jalan Kijang near KSL Mall and Kg Mohd Amin. The retaining wall of an old folks' home in the city collapsed, forcing the evacuation of its residents.	The Star	Rujuk lampiran 4 atau klik pada tajuk berita
12.	<u>Ban Sungai Air Tawar runtuh akibat fenomena air pasang besar</u> Fenomena air pasang besar yang melanda daerah ini mengakibatkan ban Sungai Air Tawar mengalami runtuh baharu, awal pagi tadi.	Sinar Harian	Rujuk lampiran 4 atau klik pada tajuk berita
13.	<u>Mercy field hospital in progress for quake-hit area</u> In a statement yesterday, Mercy said Sibalaya Utara, located 31km from Palu, has been identified as the site for a field hospital as it is among the worst-hit areas.	The Sun	Rujuk lampiran 6
14.	<u>'No radioactive or toxic waste'</u> Lynas Malaysia is not a nuclear plant and it does not produce nuclear waste, says Lynas Corporation Limited chief executive officer and managing director Amanda Lacaze.	The Sun	Rujuk lampiran 7

15.	<u>No toxic or radioactive waste from Lynas – CEO</u> Lynas Malaysia is not a nuclear plant and it does not produce nuclear waste, Lynas Corporation Limited chief executive officer and managing director Amanda Lacaze said.	New Straits Times	Klik pada tajuk berita
16.	<u>Lynas tidak hasilkan sisa toksik atau radioaktif</u> Sementara itu, Pengurus Besar Keselamatan Radiasi Lynas Malaysia Prof Dr Ismail Bahari berkata Agensi Tenaga Atom Antarabangsa (IAEA) telah menjelaskan risiko radiasi daripada operasi Lynas sangat rendah.	Sinar Harian	Klik pada tajuk berita
17.	<u>Pulau Pinang siap siaga hadapi fenomena air pasang besar</u> Katanya, walaupun tiada laporan banjir kilat dan banjir berlaku buat masa ini namun semua agensi terlibat sudah melakukan persiapan awal bagi memastikan jentera pengurusan bencana di semua peringkat dapat berjalan dengan lancar.	Astro Awani	Klik pada tajuk berita

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
18.	<u>Florida braces for monster storm</u> “This is your last chance to evacuate before conditions start deteriorating within the next few hours,” said Florida Governor Rick Scott in a tweet early yesterday.	The Sun	Rujuk lampiran 8
19.	<u>E-commerce contributes to plastic pollution</u> Science and technology have really improved our lifestyles. Online shopping sites are mushrooming, making business organisation switch over from the traditional method of selling goods.	The Sun	Rujuk lampiran 9

20.	<u>Taufan Michael bakal badai Florida</u> Taufan Michael kini amat berbahaya apabila kekuatannya meningkat kepada kategori 4 beberapa jam sebelum melanda Florida.	Utusan Malaysia	Rujuk lampiran 10 atau klik pada tajuk berita
21.	<u>Spain floods leave five dead</u> At least five people were confirmed dead and five more remained missing after torrential rainstorms caused flash flooding on the Spanish island of Mallorca, authorities said.	The Star	Rujuk lampiran 11
22.	<u>'Carbon sink' Bhutan counts cost of future green plans</u> The mountainous state, holding only its third election on October 18, absorbs three times more CO2 than it emits, thanks mainly to the lush forests covering 72 percent of its land.	The Star	Rujuk lampiran 12
23.	<u>Google Cloud bantu AirAsia untuk jadi syarikat teknologi perjalanan</u> AirAsia telah bekerjasama dengan Google Cloud bagi menyatukan kecerdasan buatan (AI) dan pembelajaran mesin ke dalam setiap aspek perniagaan dan budaya kerjanya untuk menjadi sebuah syarikat teknologi perjalanan.	Astro Awani	Klik pada tajuk berita
24.	<u>Fracking earthquake laws could be relaxed as government aims to encourage gas extraction</u> The government is planning to weaken seismic activity standards at fracking sites in a bid to encourage drilling for natural gas, it has emerged, days after the release of a major report calling for huge cuts in greenhouse gas emissions to avoid catastrophic climate change.	The Independent	Klik pada tajuk berita
25.	<u>We label fridges to show their environmental impact – why not food?</u> So why has our food system – which threatens 10,000 species with extinction, emits about 30% of greenhouse gases, and drives 80% of our nitrogen and phosphorus pollution – only ever had voluntary ecolabels?	The Guardian	Klik pada tajuk berita

26.	<u>The Hurricanes, and Climate-Change Questions, Keep Coming. Yes, They're Linked.</u> Hurricanes and other extreme storms will also be wetter, for a simple reason: Warmer air holds more moisture. And, storm surges from hurricanes will be worse, for a simple reason that has nothing to do with the storms themselves: Sea levels are rising.	New York Times	Klik pada tajuk berita
27.	<u>Technology support helps deliver millions in climate funding, emissions reductions</u> These priorities were defined and articulated with support from the Technology Needs Assessment project, run by a partnership between UN Environment and the Technical University of Denmark with support from the Global Environment Facility.	UN Environment	Klik pada tajuk berita

LAMPIRAN 1
THE STAR (NEWS): MUKA SURAT 6
TARIKH: 11 OKTOBER 2018 (KHAMIS)

New energy initiative targets to accomplish three objectives

PETALING JAYA: The Malaysia Energy Supply Industry (MESI) 2.0 initiative is still being formulated, with early details expected to be disclosed in early 2019.

As such, there is limited disclosure on the electricity industry reforms at present.

According to a Maybank IB Research report on the *Malaysia: A New Dawn* conference, which featured a session with Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin, the broad agenda of MESI 2.0 is to accomplish three objectives, namely, encourage competition along the value chain, increase capacity for renewables as well as incentivise energy efficiency among consumers.

"The ministry is targeting to grow renewables' proportion of generation mix from the current 2% to 20% by 2025 to 2030. This is with the caveat that there will be significant improvements in storage technology that will enhance generation cost competitiveness.

"Renewables will lower the overall vulnerability to fluctuating fossil fuel prices, allowing for more stable tariffs," said Maybank IB Research.

Yeo had opined that it is not the ministry's intention for renewable energy to be heavily subsidised, as such artificial growth is not sustainable.

Hence, the immediate near-term focus is to explore large-scale renewable projects that are viable under similar levelised tariffs as

fossil fuel-based plants.

In the event that the improvement in storage technology does not happen as envisaged, the renewable mix target will then be reviewed.

Apart from that, the application for research grants from the government will need to be substantiated with proof of industry collaboration going forward.

"The minister is of the view that research undertaken has to be relevant so that it can generate value-add for the economy.

"Separately, scientific equipment owned by the government will be made available for leasing by interested parties in order to generate more bang-for-buck," said Maybank IB Research.

Going forward, the ministry

remains committed to a 35% reduction in carbon intensity (carbon dioxide emission as a ratio to gross domestic product) by 2030, from 2005 levels.

This is as stipulated by the Paris Agreement, with a further 10% reduction if international technology transfer occurs.

Yeo is presently building capability in the ministry for the sourcing of international green funding.

"On execution, the ministry will adopt a strategy of enforcement, engagement, and education.

"The reduction of plastic usage is an area of focus for Yeo, with possible disincentives relating to single-use plastic to be announced in the near future," said Maybank IB Research.

LAMPIRAN 2

BERITA HARIAN (BANJIR): MUKA SURAT 21

TARIKH: 11 OKTOBER 2018 (KHAMIS)

Paras air laut di Klang cecah 5.2 meter

➔ Situasi berlaku ketika air pasang petang, namun keadaan masih terkawal

Oleh Faliq Lajim dan Nor Afzan Mohamad Yusof
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■ Klang

Paras air laut di beberapa lokasi di daerah ini mencecah ketinggian 5.2 meter ketika air pasang petang semalam, namun keadaan masih terkawal dan tiada penduduk diarah berpindah setakat ini.

Ketua Bomba dan Penyelamat Zon Klang, Samsol Maarif Saibani, berkata, ia berikutan air tidak melepasi paras benteng setinggi 6 meter.

"Pada pagi tadi (semalam), pemantauan dibuat dari jam 4 pagi hingga 7.30 pagi dengan paras tertinggi direkodkan pada jam 6.39 pagi dengan ketinggian 5.6 meter. Setakat ini keadaan terkawal."

"Pada petang ini (semalam), kira-kira jam 5 petang, kita lakukan rondaan sekali lagi berikutan air dijangka mencecah setinggi 5.2 meter pada jam 6.57 petang nanti," katanya ditemui ketika membuat tinjauan di Jeti Sungai Keramat, di sini, semalam.

Seramai 92 anggota dari pelbagai

agensi seperti Polis Diraja Malaysia (PDRM), Angkatan Pertahanan Awam Malaysia (APM), Unit Pengurusan Bencana Negeri (UPBN) dan Skuad Pantas Majlis Perbandaran Klang (MPK) bersedia untuk menghadapi kemungkinan banjir akibat air pasang besar.

Sebanyak 10 tempat berisiko tinggi banjir akibat fenomena air pasang besar bulan ini bermula dari sempadan Kuala Selangor sehingga sempadan Kuala Langat.

Lokasi terabit Pangkalan Tok Muda, Ban Sementa, Ban Sungai Keramat Batu Empat Kapar, Ban Sungai Serdang, Jalan Pandamaran, Taman Selat Damai, Pelabuhan Klang, Jeti Nelayan Kampung Perepat, Pulau Ketam, dan juga Telok Gong.

Penduduk diminta waspada

Samsol Maarif menasihatkan penduduk di kawasan terabit sentiasa berhati-hati dan mengikut arahan pihak berkuasa jika ada arahan pemindahan dibuat.

Difahamkan, paras air pasang pagi ini akan mencecah 5.5 meter pada jam 7.13 pagi, dan dijangka setinggi 5.1 meter apabila air pasang sekali lagi pada jam 7.31 malam.

Tujuh penempatan mangsa banjir diaktifkan bagi menghadapi sebarang kemungkinan jika air melepasi paras benteng.

Antaranya Dewan Serbaguna Tok Muda, Dewan Ahmad Razali, Sekolah Rendah Agama Batu Empat, Dewan Orang Ramai Jalan Palembang, Rantau Panjang, Dewan Bandar Sultan Sulaiman, Dewan Kompleks Sukan Pandamaran, Sekolah Jenis Kebangsaan

(SJK) Lee Min Telok Gong dan Dewan Orang Ramai Telok Pulau.

Terdahulu, Pegawai Daerah Klang, Mohd Zainal Mohd Nor, berkata, penduduk 10 kampung dalam daerah ini berdepan risiko banjir sekiranya hujan lebat dan ribut berlaku serentak berikutan fenomena air pasang besar.

Sementara itu, Ketua Pengarah Jabatan Meteorologi Malaysia (METMalaysia), Alui Bahari, berkata kejadian air pasang besar adalah fenomena normal kerana ia dipengaruhi daya graviti matahari dan bulan yang menjadi penentu utama kepada proses pasang surut air laut.

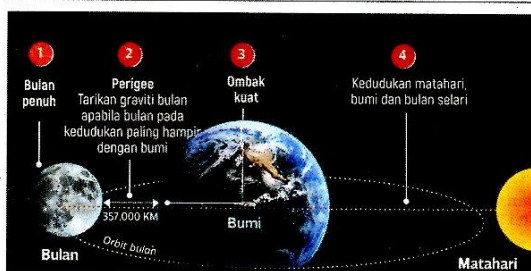
Katanya, umumnya air pasang berlaku dua kali setiap bulan apabila posisi bumi selari dengan matahari dan bulan yang kebiasaannya bertepatan dengan tarikh 1 dan 15 hari dalam kalendar bulan Islam.

"Namun, insiden air pasang besar boleh berlaku akibat faktor tambahan termasuk kadar hujan lebat kerana peralihan monsun Barat Daya ke Timur Laut yang dijangka berlarutan hingga November."

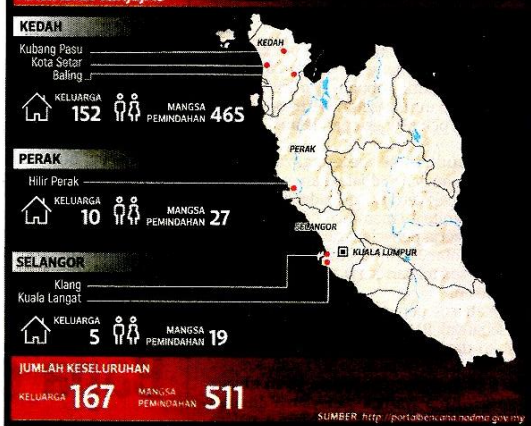
"Angin kuat serta hujan lebat sewaktu kejadian turut mengakibatkan ketinggian ombak meningkat dan pada masa yang sama paras air sungai melimpah akibat hujan yang berlaku."

"Apabila air sungai semakin tinggi dan keadaan laut bergelora maka air pasang tinggi melebihi paras biasa, air mula melimpah lalu mengakibatkan banjir kilat" katanya mengulas mengenai fenomena air pasang besar di sini, semalam.

FENOMENA AIR PASANG BESAR



KAWASAN TERJEJAS



Keadaan fenomena air pasang besar di sekitar Tanjung Karang masih terkawal.



Anggota Bomba dan Penyelamat Pelabuhan Klang memantau keadaan air laut di jeti nelayan berikutan fenomena air pasang besar di Kampung Nelayan Telok Gong, semalam.

LAMPIRAN 3 BERITA HARIAN (BANJIR): MUKA SURAT 20 TARIKH: 11 OKTOBER 2018 (KHAMIS)

KAWASAN TERJEJAS



Sumber: <http://portalbencana.nadma.gov.my>



Mukhriz melawat bilik gerakan mangsa banjir di PPS SK Titi Gajah, Anak Bukit, semalam.

Banjir di Kedah, Perak, Selangor terkawal

➔ Jumlah mangsa di enam daerah catat penurunan kepada 511 orang

Oleh Nor Afzan Mohamad Yusof, Muhammad Apendy Issahak dan Aizat Sharif
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Kuala Lumpur

Kedua banjir di enam daerah di Kedah, Perak dan Selangor berada dalam keadaan terkawal dengan jumlah mangsa ditempatkan di pusat pemindahan banjir menurun daripada 583 kepada 511 mangsa.

Kedah mencatatkan angka tertinggi apabila 465 mangsa dipindahkan, manakala 27 di Perak, dan 19 mangsa di Selangor. Ia membabitkan 152 keluarga di Kedah, Perak (10) dan Selangor (5).

Pengarah Pusat Kawalan Bencana Negara (NDCC), Agensi Pengurusan Bencana Negara (NADMA) Zuraini Mohd Yusof, berkata hingga jam 4 petang semalam, kawasan dilanda banjir membabitkan tiga daerah di Kedah, iaitu Baling, Kota Setar dan Kubang Pasu; dua di Selangor iaitu Klang dan Kuala Langat, dan daerah Hilir Perak, Perak.

"Keadaan banjir di Pantai Barat Semenanjung masih dalam keadaan terkawal, kerana jumlah mangsa dipindahkan ke pusat pe-

mindahan tidak menunjukkan pertambahan seperti direkodkan agensi berkaitan," katanya dihubungi, semalam.

Katanya, dalam memastikan keadaan terkawal, pihaknya mendapat kerjasama polis, Jabatan Bomba dan Penyelamat Malaysia (JBPM), Angkatan Pertahanan Awam (APM), Jabatan Kebajikan Masyarakat (JKM) dan Angkatan Tentera Malaysia (ATM), selain sentiasa mendapatkan maklumat terkini berhubung perubahan cuaca daripada Jabatan Meteorologi.

Zuraini berkata, Jabatan Meteorologi meramalkan perubahan cuaca dengan hujan lebat disertai ribut berlaku pada sebelah petang akibat fenomena garis badai kesan tiupan angin monsun barat daya yang menyebabkan ribut dan petir melanda Semenanjung yang dijangka berlarutan hingga akhir bulan ini.

Mengulas fenomena air pasang besar, beliau berkata, banjir boleh berlaku sekiranya bertembung dengan hujan lebat berterusan.

Ibu berpantang terpaksa redah air

Sementara itu, di Alor Setar, dua-gaan seorang suri rumah yang masih berpantang apabila terpaksa meredah air bersama bayi laktanya yang baru berusia 16 hari selepas kediaman mereka di Kampung Alor Senjaya, Titi Gajah dinaiki air, semalam.

Mahani Mahadi, 31, terpaksa berpindah bersama suaminya Saiful Danial Abdullah, 32 ke Pusat Pemindahan Sementara (PPS) di Sekolah Kebangsaan (SK) Titi Gajah selepas air mencapai paras betis.

Mahani berkata, hujan lebat



(FOTO IHSAN APM)

Pusat pemindahan sementara dibuka di PPS SK Changkat Jong, Teluk Intan, semalam.

yang sejak Isnin lalu menyebabkan air dalam parit melimpah ke kampung mereka.

"Air naik dengan cepat. Ketika hujan itu tak sangka boleh sampai melimpah sehingga masuk ke dalam rumah dan apabila banjir sudah pun mencapai paras betis, saya dan suami ambil keputusan bermalam di PPS SK Titi Gajah.

"Saya tiba di sini (PPS) jam 9 malam tadi (kelmarin) dan pengu-rusan PPS banyak membantu dengan menyediakan tempat tidur untuk anak saya serta makanan," katanya ketika ditemui selepas menerima bantuan daripada Menteri Besar Kedah, Datuk Seri Mukhriz Mahathir ketika melakukan lawatan di PPS SK Titi Gajah, semalam.

Sementara itu, hampir 100 orang menerima bantuan kewangan dan makanan daripada Mukhriz yang turut meluangkan masa kira-kira 30 minit melawat mangsa banjir di sekolah itu.

Mukhriz berkata, kerajaan ne-

geri akan menyalurkan bantuan kepada mangsa yang terjejas akibat banjir seperti di Kota Setar, Baling dan Kubang Pasu.

"Banjir disebabkan air pasang laut bertembung aliran air di empangan Lembaga Kemajuan Pertanian Muda (MADA).

Lepas air empangan

"Air di empangan sudah penuh, MADA terpaksa melepaskan air ikut saluran sungai dan terusan dan apabila berlaku saluran air kian memenuhi sungai menyebabkan ia melimpah ke kampung berdekatan," katanya.

Pihaknya kini sudah bersedia dengan pusat operasi bencana dilaksanakan di Wisma Darulaman selama 24 jam dan penduduk terjejas diminta melaporkan kepada penghulu, ahli majlis atau wakil penduduk supaya bantuan dapat diberikan segera.

Di Teluk Intan, bencana banjir akibat pasang besar mula melanda negeri ini dengan satu PPS sudah

dibuka di daerah Hilir Perak iaitu di Sekolah Kebangsaan (SK) Changkat Jong, semalam, untuk menempatkan 27 mangsa daripada 10 keluarga.

Jurucakap Sekretariat Jawatankuasa Pengurusan Bencana Negeri berkata, banjir mula dilaporkan melanda kawasan Changkat Jong kira-kira jam 7 pagi, kelmarin.

"Kawasan terabit banjir adalah Kampung Batu 7, Batu 8 dan Batu 9, Changkat Jong. Pecahan mangsa banjir di PPS SK Changkat Jong setakat ini adalah empat lelaki dewasa, lima kanak-kanak perempuan, dan masing-masing sembilan wanita dewasa dan kanak-kanak lelaki," katanya ketika dihubungi di sini, semalam.

Katanya, punca banjir dipercayai limpahan air Sungai Bidor susulan hujan lebat petang kelmarin hingga pagi semalam.

"Pemantauan masih dijalankan serta maklumat lanjut akan dimaklumkan dari semasa ke semasa," katanya.

LAMPIRAN 4
THE STAR (NATION): MUKA SURAT 10
TARIKH: 11 OKTOBER 2018 (KHAMIS)

Flash floods wreak havoc, trapping motorists in JB



Overwhelmed:

A car left abandoned in the middle of the road near the KSL Mall in Johor Baru.

JOHOR BARU: An hour-long downpour caused flash floods in several areas around the city, wreaking havoc.

At the height of the downpour which started at about 3.30pm, two women were trapped inside their car along Jalan Tebrau.

Among the areas affected were Kg Hajah Hasnah, Kampung Bendahara, Jalan Kijang near KSL Mall and Kg Mohd Amin.

The retaining wall of an old folks' home in the city collapsed, forcing the evacuation of its residents.

The authorities have also opened an evacuation centre to house victims from Kg Mohd Amin.

Rising flood waters also trapped several vehicles which were abandoned along some of the roads.

However, no casualties were reported.

Johor Baru Fire and Rescue Department operations commander Zaid Iskandar Mohd Nor said at least 12 personnel were dispatched to Jalan Tebrau after they received a call about the trapped women at 4pm.

"We managed to push their car to safety and rescued the women," he said, adding that the victims were in their 70s and 80s.

Taxi driver P. Guna said the water rose quickly near KSL Mall, trapping several vehicles.

"Everything happened quickly. Luckily, people managed to escape in time.

"In some areas, the flood water was up to their waist," he said.

LAMPIRAN 5
KOSMO (NEGARA): MUKA SURAT 17
TARIKH: 11 OKTOBER 2018 (KHAMIS)

Ban Sungai Air Tawar runtuh akibat fenomena air pasang besar

SABAK BERNAM - Satu runtuh baru dikesan berlaku pada ban Sungai Air Tawar di sini semalam berikutan fenomena air pasang besar yang melanda daerah ini.

Pengerusi Pengurusan Bencana Daerah Sabak Bernam, Nasir Mamat berkata, berdasarkan laporan pemantauan pihaknya mendapati runtuh baru itu berlaku kira-kira 10 meter daripada ban yang runtuh kelmarin.

Katanya, runtuh ban baharu sepanjang kira-kira 40 meter itu menyebabkan air laut melimpah masuk ke dalam parit berhampiran ketika kemuncak air laut pasang.

"Bagaimanapun, limpahan air laut yang masuk ke dalam kawasan penampungan itu keluar semula apabila paras air laut kembali surut," katanya di sini semalam.

Menurut Nasir, keadaan itu tidak menjejaskan kawasan tersebut kerana kawasan yang dibanjiri adalah kawasan zon



BAN yang runtuh menyebabkan air laut melimpah masuk ke dalam parit di zon penampungan di Sabak Bernam semalam.

penampungan yang telah dikenal pasti sebelum ini.

Kelmarin, ban yang sama dilaporkan runtuh sepanjang

kira-kira 20 meter berikutan paras air pasang luar biasa yang mencecah ketinggian sehingga 3.3 meter.

Agensi kerajaan siap sedia salur bantuan banjir

ALOR SETAR - Kerajaan negeri mengarahkan semua agensi bersiap sedia untuk menghadapi segala kemungkinan sekiranya keadaan banjir menjadi lebih buruk di negeri ini.

Menteri Besar, Datuk Seri Mukhriz Mahathir (**gambar**) berkata, agensi terbabit perlu memberi bantuan awal kepada mangsa banjir untuk memastikan mereka berada dalam keadaan selamat sekiranya berlaku banjir lebih buruk.

Menurutnya, persiapan rapi juga perlu dilakukan dalam menyediakan pusat pemindahan, makanan dan barangan keperluan harian lain yang secukupnya kepada mangsa banjir.

"Pusat informasi yang beroperasi 24 jam telah dibuka bagi menerima semua laporan berkaitan banjir tetapi kadang-

kadang ada juga maklumat mangsa banjir yang tidak sampai kepada pihak kita.

"Jadi penduduk yang terjejas banjir boleh melaporkan kepada ahli majlis daerah atau penghulu kampung untuk tindakan segera," katanya.

Beliau berkata demikian pada sidang akhbar selepas melawat dan menyampaikan bantuan kepada mangsa di pusat pemindahan sementara (PPS) di Sekolah Kebangsaan (SK) Titi Gajah di sini semalam.

PPS tersebut menempatkan seramai 204 mangsa banjir daripada 66 keluarga sejak kelmarin.

Sebanyak tujuh PPS dibuka di daerah Kota Setar dan Baling Pasu yang menempatkan 452 mangsa daripada 151 keluarga sehingga lewat petang semalam.



LAMPIRAN 6
THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 6
TARIKH: 11 OKTOBER 2018 (KHAMIS)

Mercy field hospital in progress for quake-hit area

PETALING JAYA: Mercy Malaysia will focus on the setting up of medical facilities which includes a field hospital in earthquake-tsunami stricken Palu within the coming week.

In a statement yesterday, Mercy said Sibalaya Utara, located 31km from Palu, has been identified as the site for a field hospital as it is among the worst-hit areas.

"At ground level, we are also working with and through partners such as PKPU Human Initiative, Medical Emergency Rescue Committee, Rumah Sakit Umum

Sis Al Jufri and the local district clinics," Mercy Malaysia president Datuk Dr Ahmad Faizal Perdaus said.

"Indonesia had earlier released a statement of the assistance required, which included heavy equipment, medical supplies, shelter kits and ready-to-eat food. Mercy's response plan was catered to that request."

Mercy has nine medical personnel and four non-medical personnel in Palu, conducting mobile clinics at hard-to-reach places on the island.

In the following week, the Emergency Medical Team will assist to establish the field hospital and provide training to the local medical team for continued management.

The organisation yesterday distributed hygiene kits to 113 families from Desa Loli Saluran and Kecamatan Banawa in the Donggala district. Each kit contains soap, shampoo, toothbrushes, toothpaste, shavers, sanitary napkins, underwear and towels for a family of four.

Donations collected are at



Amount donated so far:
RM498,258.63

Donations can be made to MERCY Humanitarian Fund (MBB 5621 7950 4126) or on its website, www.mercy.org.my. All contributions are tax-exempted.

RM498,258.63, with RM256,843.92 being spent to date.

Contributions can be made to Mercy Humanitarian Fund (MBB

5621 7950 4126) or Mercy Malaysia (CIMB 8000-7929-08) or through www.mercy.org.my. Contributions are tax-exempted. - by Kevin Deva

LAMPIRAN 7

THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 5
TARIKH: 11 OKTOBER 2018 (KHAMIS)

'No radioactive or toxic waste'

> Rare earth processing plant's activities zero harm to people and environment, says Lynas CEO

KUALA LUMPUR: Lynas Malaysia is not a nuclear plant and it does not produce nuclear waste, says Lynas Corporation Limited chief executive officer and managing director Amanda Lacaze.

The high-quality rare earth material processed in the company's plant had not shifted the background radiation level, she told Bernama in an interview.

"It is important that people understand radiation is part of our daily activities. We get exposed to radiation in many different ways, for example smoking, getting on an aeroplane or sometimes just being part of our surrounding environment.

"We are a lawful company, we comply with all of our licence conditions, everything that we do is about zero harm to our people, zero harm to the environment, zero harm to the community," she said.

Lynas Malaysia has been operating a processing plant in Gebeng, Kuantan which refines rare earth ores from the Lynas mine in Western Australia for the past six years. However, there have been claims that the activities carried out at the plant can pose health hazards as they produce toxic and radioactive waste.

Last week, Deputy Minister in the Prime Minister's Department Fuziah Salleh, who is also Kuantan MP, promised an "open and transparent" review of the Lynas plant. Lynas Malaysia, in turn, had asked for any review to be conducted in a fair, scientific and transparent manner.

Last Saturday, workers at the plant staged a protest fearing that they would lose their jobs if the plant is shut down.

Lacaze said there is no toxic or radioactive waste produced by the plant. Instead the by-products of its rare earth refining activities produced two forms of gypsum – an iron-rich phosphogypsum (WLP) that contains very low level



naturally occurring radiation and a magnesium-rich gypsum known as NUF, which is a non-radioactive material.

Both residues are safely managed under regulations expertly enforced by the government through the Department of Environment and the Atomic Energy Licensing Board.

The WLP residues are stored on site in purpose-built, above-ground storage facilities designed and managed in accordance with the requirements of international best practice.

Lynas Malaysia Radiation Safety general manager Prof Ismail Bahari said the International Atomic Energy Agency has clarified the radiological risk from the Lynas' operation is intrinsically low.

He pointed out that gypsum is a useful material used in a wide variety of applications such as in the construction industry (cement and plasterboard) and in agriculture (slow release fertiliser and soil conditioning).

On the possibility of a leakage, Ismail said the company has carried out the radiology impact research and even made a hundred-year prediction on the possibility of any leakage.

"One of the things we did in the radiation impact assessment was asking, 'what if there is a tsunami?' If you say a tsunami, you have to ask 'where are we located at? By the sea where the radioactivity in the material itself is almost like the level in the background. I have actually measured it and if you've heard of Pantai Pasir Hitam in Langkawi, we are at par with it and in fact, we are much lower when compared with the waste from tin mining activities.

"The residue can actually be returned to the environment based on the principle of waste management for radioactivity, which is called dilute and disperse," he said.

LAMPIRAN 8

THE SUN (NEWS WITHOUT BORDERS): MUKA SURAT 8

TARIKH: 11 OKTOBER 2018 (KHAMIS)

Florida braces for monster storm

TALLAHASSEE: *Hurricane Michael* grew into a potentially deadly Category 4 storm yesterday before it was due to smash into Florida's Gulf shore with towering waves and roof-shredding winds as 500,000 people were under evacuation orders and advisories.

Hurricane Michael was packing winds of up to 220kmph, hours before it was set to make landfall on Florida's Panhandle or Florida's Big Bend where it potentially could unleash devastating waves as high as 4m, the National Hurricane Centre (NHC) warned.

"THIS IS YOUR LAST CHANCE to evacuate before conditions start deteriorating within the next few hours," said Florida Governor Rick Scott in a tweet early yesterday.

Some of the storm's most significant early impact was to offshore energy production. US producers in the Gulf cut oil production by about 40% and natural gas output by 28% on Tuesday, the Bureau of Safety and Environmental Enforcement said.

President Donald Trump declared a state of emergency for the entire state of Florida, freeing up federal assistance to supplement state and local disaster responses.

Michael gathered greater strength over warm Gulf of Mexico waters throughout the day on Tuesday as it jumped from a Category 2 to Category 3 on the five-step Saffir-Simpson wind scale.

The last NHC report said the fast-moving storm was about 233km from Panama City, Florida. - Reuters

LAMPIRAN 9
THE SUN (SPEAK UP): MUKA SURAT 12
TARIKH: 11 OKTOBER 2018 (KHAMIS)

E-commerce contributes to plastic pollution

SCIENCE and technology have really improved our lifestyles. Online shopping sites are mushrooming, making business organisations switch over from the traditional method of selling goods.

Globally, the online retail market amassed US\$1.316 trillion in 2014. The forces behind e-commercialisation are complex and driven by both market and consumer demands.

In fact, most of the consumers nowadays would prefer to shop online. They can easily purchase items from the comfort of their own homes or work place, then wait for their parcel to be delivered.

Online shopping has indeed made our life easier and convenient. Some would rather claim that online shopping could literally reduce their carbon footprint as they would not have to drive to the shop and burn fuel to buy only one item.

But, how about the plastics that are used to wrap the parcel? According to the US Environmental Protection Agency, e-commerce packaging accounts for 30% of solid waste generated in the US.

Packaging continues to play a pivotal role in both the brand and the consumer's e-commerce experience. There are many factors to consider when selecting packaging for an order, such as product protection, branding and safeguarding the product.

Presently, e-commerce packaging comes in multiple layers, made from plastic, paper, bubble wrap, air packets, tape and cardboard cartons. Even though these are recyclable items, one study carried out in India found that a large portion of these materials will end up clogging our drains and landfills.

There are no specific laws regulating this kind of packaging. Therefore, any laws that aim to regulate it must address some critical issues such as standard of packaging, and the method and materials used for e-commerce packaging that are based on environmental principles.

Nur Imani Abdullah
Forum Air Malaysia

LAMPIRAN 10
UTUSAN MALAYSIA (LUAR NEGARA): MUKA SURAT 50
TARIKH: 11 OKTOBER 2018 (KHAMIS)

Taufan Michael bakal badai Florida

■ WASHINGTON 10 OKT.

TAUFAN Michael kini amat berbahaya apabila kekuatannya meningkat kepada kategori 4 beberapa jam sebelum melanda Florida.

Menurut BBC, taufan berkenaan membawa angin kencang pada kelajuan 210 kilometer sejam dan dijangka melanda Florida pada tengah malam ini.

Berdasarkan skala *Saffir-Simpson*, kategori 4 merangkumi kekuatan angin berkelajuan sehingga 251 kilometer sejam yang boleh membawa kerosakan kepada rumah dan pokok.

Lebih 370,000 orang telah diarahkan berpindah dan berada di tempat lebih tinggi.

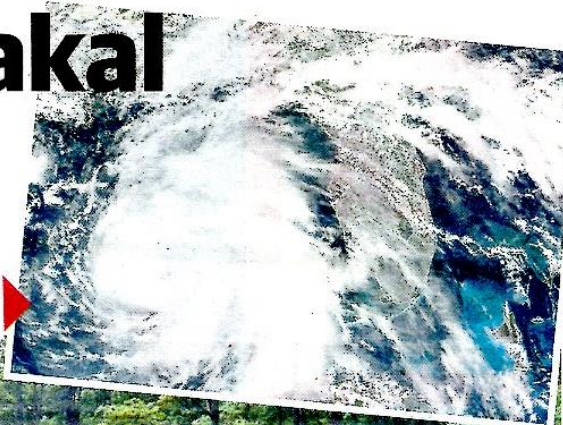
Sekurang-kurangnya 13 orang dilaporkan maut di Amerika Tengah pada hujung minggu lalu akibat hujan lebat dan banjir selepas dibadai taufan berkenaan.

Florida telah mengisytiharkan darurat selain Alabama dan Georgia menjelang kedatangan taufan Michael.

Gabenor Florida, Rick Scott menyifatkan Michael sebagai taufan ganas dan menggesa para penduduk tempatan mematuhi arahan yang dikeluarkan.

Pusat Taufan Kebangsaan (NHC) berkata, taufan Michael

IMEJ satelit NOAA/RAMMB menunjukkan Taufan Michael berada di luar Pantai Teluk Amerika Syarikat kelmarin. - AFP



OMBAK menghempas tebing laut sebuah rumah ketika Taufan Michael menghampiri Eastpoint, Florida, Amerika Syarikat kelmarin. - AFP

akan menyebabkan berlakunya pusaran ribut yang boleh mengancam nyawa, angin ribut kuat dan hujan lebat di sepanjang timur laut pantai Teluk.

NHC meramalkan kekuatan taufan itu akan meningkat lagi sebelum ia melanda Florida Panhandle atau kawasan Big Bend.

“Kekuatan taufan itu akan menurun selepas melanda Florida apabila ia bergerak melintasi tenggara Amerika Syarikat (AS),” kata NHC.

LAMPIRAN 11

THE STAR (WORLD): MUKA SURAT 21

TARIKH: 11 OKTOBER 2018 (KHAMIS)

Spain floods leave five dead

MADRID: At least five people were confirmed dead and five more remained missing after torrential rainstorms caused flash flooding on the Spanish island of Mallorca, authorities said. Two of the victims were British nationals, said Antonia Bauza, the deputy mayor of Sant Llorenç, the town hardest hit by the downpours, which is about 60km east of Mallorca's capital, Palma. Bauza yesterday told Cadena SER radio that two other victims were locals, including an elderly woman whose body was found in the basement of her house. The fifth victim was in the town of S'illot, said an emergency services spokeswoman who was not authorised to be named in media reports. — AP

LAMPIRAN 12

THE STAR (VIEWS): MUKA SURAT 29

TARIKH: 11 OKTOBER 2018 (KHAMIS)

'Carbon sink' Bhutan counts cost of future green plans

PUNAKHA: The gentle whirring of the wind turbine speaks volumes of Bhutan's record as the world's only carbon negative country, but major challenges stand in the way of the Himalayan kingdom's decision to follow a green path over rampant economic expansion.

The mountainous state, holding only its third election on Oct 18, absorbs three times more CO₂ than it emits, thanks mainly to the lush forests covering 72% of its land.

Famed as the "last Shangri-La" for using happiness as a measure of success, Switzerland-sized Bhutan has been careful to keep its environment pristine, often by sacrificing profits.

The nation of 800,000 has restricted tourist numbers with a daily fee of US\$250 (RM1,038) per visitor in high season, helping keep at bay the kind of boom that has ravaged other scenic hotspots.

In May, Bhutan opted out of an India-backed regional road connectivity project mainly over concerns that trucks coming in from other countries will pollute its air.

The constitution stipulates that at least 60% of Bhutan must be covered in forest, putting a brake on farming and a potentially lucrative timber industry.

"There was a great temptation to dig into our forest wealth but we thought of the longer term," said Dasho Paljor Dorji from Bhutan's National Environment Commission.

Under its 11th five-year plan, Bhutan aims to reduce "substantial-

ly" its forest fuel imports by 2020.

It has just 100 electric cars so far but wants to increase numbers and plans to introduce a nationwide network of charging stations.

In 2016 it installed its first wind turbines.

A walk through spick and span Thimpu - Asia's only capital city with no traffic lights - gives a glimpse of Bhutan's green commitment.

A rare sight in South Asia, heavy road-cleaning vehicles sweep the streets in slow circular motions, while trucks collect organic waste from households.

Just two hours away in Punakha district, earth-movers and bulldozers are chugging away at a hydroelectric power project.

It is one of the 10 the country aims to build as part of its plan to remain carbon neutral.

All existing and future hydro-power projects are financed by its biggest partner India.

Hydropower was Bhutan's largest export in 2016, accounting for 32.4% of its total exports and eight per cent of its GDP, according to the Asian Development Bank.

All of the energy currently goes to India but there are plans to export also to Bangladesh.

But concerns grow over the impact of dams on biodiversity as Bhutan shifts from low-impact "run-of-the-river" dams, which do not require large reservoirs, to larger-scale barriers that do.

And affording a green path



Slow and steady: Bhutan's first wind turbines gently whirling in Rubesa village in Wangdue Phodrang. Dorji (inset) said Bhutan's contribution as a carbon sink is worth striving for. —AFP

depends on outside funding, something in doubt since President Donald Trump announced last year that the US would withdraw from the 2015 Paris climate accord.

Wealthy nations agreed to give US\$100bil (RM415bil) annually to help developing nations adapt to a heating planet under the accord.

Bhutan is keenly feeling the ravages of climate change, from melting glaciers, changing crop patterns to mosquito-borne diseases.

"Even the snowfall pattern has

changed. Earlier it would snow for a few days, now it doesn't even last a day," Tenzin Wangmo, Bhutan's chief environment officer said.

Wangmo said warmer climes saw paddy fields dotting places like Bumthang that never did before.

"We haven't done anything but we are paying the price," she said.

Furthermore, new drainage systems required to prevent flooding downstream require workers in remote areas high in the mountains, Wangmo explained.

"Where is the funding and capacity-building?"

A Green Climate Fund (GCF) delegation that visited Bhutan in August said it would help the country's progress on a low-emission path.

"I think Bhutan's contribution to the global community through keeping its carbon sinks intact, its nature as pristine as possible is a great one," said Dorji.

"Our cause is worth supporting. We should be rewarded equally, if not more."