

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

| Bil | Berita                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Media         | Capaian Berita Penuh                         |
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| 1.  | <p><a href="#"><u>Yeo: No resources is no excuse not to fight open burning</u></a></p> <p>Bucking up on enforcement, shifting resources and even borrowing cars and equipment – these are some of the measures Minister Yeo Bee Yin (pic) is taking to put an end to open burning as Malaysia simmers under a dry and hot season. Yeo, who holds the Energy, Science, Technology, Environment and Climate Change portfolio, said she had held meetings with the Department of Environment (DoE) and told them to buck up. “Only two or three weeks ago, I realised that the DoE doesn’t even have cars to conduct enforcement. That’s ridiculous! And, they don’t even have enough equipment.</p>                                                                                                                                                                                                                                                                              | The Star      | Rujuk lampiran 1 atau klik pada tajuk berita |
| 2.  | <p><a href="#"><u>Rebate for power usage below RM20 to continue</u></a></p> <p>The government will continue with the rebate programme for electricity bill below RM20 even though it will continue to find a new mechanism so that the subsidy is only enjoyed by the needy groups. Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said for the time being the electricity bill subsidy would continue to benefit all groups when some are not eligible. "There are people having bungalows, terrace houses and condominiums but do not live in the house which caused the electricity bill to dip below RM20 and they do not need the RM20 rebate," she said when winding up the Supply (Reallocation of Appropriated Expenditure) Bill for her ministry at Dewan Rakyat Tuesday. Yeo said her ministry was planning to improve the electricity bill subsidy which was limited to 179,000 consumers in the poor and abject poor groups.</p> | Daily Express | Klik pada tajuk berita                       |

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| 3. | <p><b><u>Masalah pembakaran tanah gambut akan selesai</u></b></p> <p>Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, Kementerian Pertahanan Perhutanan telah dihubungi bagi tujuan itu dan usaha menyelesaikan masalah tersebut dengan segera. “Setakat ini fokus kita adalah untuk memadamkan api seberapa segera bagi mengelakkan berlakunya pencemaran udara yang lebih buruk.</p>                                                                                                                                                                                                                                                                                                                                    | Sinar Harian  | Rujuk lampiran 2       |
| 4. | <p><b><u>Pembenihan awan atasi kebakaran tanah gambut di Johan Setia</u></b></p> <p>Jabatan Meteorologi Malaysia (JMM) dengan kerjasama Tentera Udara Diraja Malaysia (TUDM) akan menjalankan operasi pembenihan awan (OPA) bagi memadamkan kebakaran tanah gambut di Kampung Johan Setia, Jalan Kebun, di sini. Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin, berkata ia diharap dapat dilakukan petang ini dalam usaha memadam kebakaran tanah gambut seluas 50 hektar yang berlarutan sejak tiga hari lalu. “Saya sudah menghubungi Menteri Pertahanan (Mohamad Sabu) untuk segera menggerakkan pesawat tentera atau aset berkaitan dalam melaksanakan OPA dan berharap keadaan cuaca serta awan mengizinkan usaha ini.</p> | Berita Harian | Klik pada tajuk berita |
| 5. | <p><b><u>TUDM lakukan pembenihan awan petang ini</u></b></p> <p>Pasukan Tentera Udara Diraja Malaysia (TUDM) dijangka akan digerakkan untuk melakukan pembenihan awan bagi membantu memadamkan kebakaran tanah gambut di sekitar Johan Setia. Menteri Tenaga, Sains, Teknologi Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, pihaknya telah menghubungi Kementerian Pertahanan bagi tujuan itu dalam usaha menyelesaikan kebakaran berkenaan dengan</p>                                                                                                                                                                                                                                                                                                  | Sinar Harian  | Klik pada tajuk berita |

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|    | <p>segera. Menurutnya, pembenihan awan oleh pihak TUDM dijangka dapat dilaksanakan pada petang ini. "Setakat ini fokus kita adalah untuk memadamkan api seberapa segera bagi mengelakkan berlakunya pencemaran udara yang lebih buruk.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                        |
| 6. | <p><a href="#"><u>Pembinaan tapak sampah Bukit Payong ditangguhkan</u></a></p> <p>Kerajaan Persekutuan menerusi Kementerian Perumahan dan Kerajaan Tempatan (KPKT) dengan Kerajaan Johor capai kata sepakat untuk menangguhkan kerja-kerja pembinaan tapak pelupusan sampah Bukit Payong. Exco Kerajaan Tempatan, Sains dan Teknologi negeri, Tan Hong Pin berkata, penangguhan itu diputuskan selepas hasrat Kerajaan Johor untuk mempertimbangkan kembali cadangan pembinaan tapak pelupusan itu disampaikan kepada Menteri Perumahan dan Kerajaan Tempatan, Zuraida Kamaruddin, semalam. Hong Pin berkata, pertimbangan itu akan turut merangkumkan penggunaan teknologi hijau bersifat hiliran seperti penjana tenaga daripada sisa sebagaimana disarankan Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin pada bulan lalu.</p> | Sinar Harian       | Klik pada tajuk berita |
| 7. | <p><a href="#"><u>2 years after signing paris agreement, malaysia to finally get serious about climate change – minister Bee Yin to pitch for international funding, focus on a comprehensive plan</u></a></p> <p>In an exclusive interview with The Star, Energy, Green Technology, Science, Climate Change and Environment Minister Yeo Bee Yin said the scope and capacity of the ministry's Climate Change Unit will be expanded to give it more weight.</p>                                                                                                                                                                                                                                                                                                                                                                                                    | Malaysia Chronicle | Klik pada tajuk berita |

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| 8.  | <p><a href="#"><u>More cities and towns 'frying'</u></a></p> <p>The locations that hit Category 1 yesterday were Sik in Kedah; Kuala Selangor (Selangor); Bentong, Temerloh, Maran, Kuantan and Rompin (Pahang); and Segamat (Johor). Bau, Kuching, Sri Aman, Saratok, Sibu, Kapit, Bintulu and Limbang in Sarawak as well as Kota Kinabalu and Kudat in Sabah were also in Category 1. This is reflected in the number of areas classified as Category 1, which has risen from three on July 26 to 18 as at Tuesday. Key cities and towns have also become hotter due to the conditions brought about by the monsoon. According to the AccuWeather app, Kuala Lumpur, which has an average maximum temperature of 32°C, saw a high of 35°C yesterday. When an area hits Category 2, the Energy, Science, Technology, Environment and Climate Change Ministry is empowered to officially declare a heatwave in the location.</p> | The Star    | Rujuk lampiran 3 atau klik pada tajuk berita |
| 9.  | <p><a href="#"><u>Parasites in water supply potential risk for disease transmission in Southeast Asia</u></a></p> <p>Delivering keynote address at the AASSA-Academy of Sciences Malaysia (ASM) Conference here today, Khairul Anuar also acknowledged the vital role of the health sector in promoting better water supplies to maximise health gain that should be advocated for necessary interventions. Meanwhile, Deputy Energy, Science, Technology, Environment and Climate Change Minister Isnaraissah Munirah Majlis, who officiated the two-day event, said that Malaysia is also facing the challenges on waterborne disease.</p>                                                                                                                                                                                                                                                                                     | The Sun     | Klik pada tajuk berita                       |
| 10. | <p><a href="#"><u>Parasit dalam bekalan air berisiko sebar penyakit</u></a></p> <p>Kehadiran parasit dalam bekalan air mentah dan terawat di negara-negara di Asia Tenggara</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Astro Awani | Klik pada tajuk berita                       |

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|     | berpotensi membawa risiko bagi penyebaran penyakit, kata Naib Presiden Persatuan Akademi dan Pertubuhan Sains di Asia (AASSA) Prof Datuk Dr Khairul Anuar Abdullah. Sementara itu, Timbalan Menteri Tenaga, Sains, Teknologi dan Perubahan Iklim Isnaraissah Munirah Majlis, yang merasmikan persidangan dua hari itu berkata, Malaysia turut berdepan pelbagai cabaran berkaitan penyakit bawaan air.                                                                                |               |                     |
| 11. | <b><u>Negara mula dilanda jerebu</u></b><br>Menurut bacaan terkini Indeks Pencemaran Udara (IPU) di laman sesawang Jabatan Alam Sekitar, sehingga 2 petang, empat kawasan mencatat bacaan IPU sederhana iaitu Taiping (83), Tasek Ipoh (74), Pegoh Ipoh dan Seri Manjung (71). Tiga kawasan di Sarawak turut mencatat IPU sederhana iaitu Sibu (74), Mukah (83) dan Bintulu (71).                                                                                                     | Berita Harian | Rujuk lampiran<br>4 |
| 12. | <b><u>We've to weather these now</u></b><br><br>Penangites woke up to the haze which is expected to go on for the next few days. Penang Environment Committee chairman Phee Boon says the state government will give out face masks to the public if the Air Pollutant Index (API) goes above 75. A check on the Department of Environment website at 3pm yesterday showed that the readings in Seberang Prai, Seberang Jaya, Minden and Balik Pulau were hovering between 63 and 65. | The Star      | Rujuk lampiran<br>5 |

## TEMPATAN

| Bil | Berita                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Media             | Capaian Berita Penuh   |
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| 13. | <b><u>Haze is back</u></b><br>There are reduced visibility at the Penang Bridge yesterday. Most areas in Penang recorded moderate air pollutant index levels up to 10.30am yesterday.                                                                                                                                                                                                                                                                                                                                                                                                                                         | The Star          | Rujuk lampiran 6       |
| 14. | <b><u>Panas bukan pasal planet</u></b><br>Fenomena cuaca panas melanda seluruh negara ketika ini tidak mempunyai kaitan dengan kedudukan jajaran planet di dalam sistem solar yang kononnya semakin hampir antara satu sama lain. Pakar astronomi Shahrin Ahmad berkata, sebelum ini maklumat yang tular di media sosial mendakwa fenomena cuaca panas di negara ini sekarang disebabkan perubahan kedudukan antara planet.                                                                                                                                                                                                   | Harian Metro      | Rujuk lampiran 7       |
| 15. | <b><u>80 guru Terengganu sertai program ExxonMobil</u></b><br>Seramai 80 guru sekolah rendah dan menengah dari seluruh Terengganu menghadiri program Latihan Guru Pembimbing Sains, Teknologi, Kejuruteraan dan Matematik (STEM) anjuran ExxonMobil Exploration and Production Malaysia (ExxonMobil) di Hotel Permai, Kuala Terengganu baru-baru ini. Pengurus Besar Hal Ehwal Kerajaan dan Awam ExxonMobil, Sukiman Mohamed berkata, program dengan kerjasama Universiti Kebangsaan Malaysia itu bertujuan memantapkan lagi teknik pengajaran guru-guru dalam subjek berkaitan sains, teknologi, kejuruteraan dan matematik. | KOSMO             | Klik pada tajuk berita |
| 16. | <b><u>China-linked cyberattacks likely as Malaysia reviews projects - Security firm</u></b><br>Chinese state-sponsored hackers may be targeting companies and state agencies in Malaysia as it looks to review several major projects linked to China's Belt and Road Initiative,                                                                                                                                                                                                                                                                                                                                             | New Straits Times | Klik pada tajuk berita |

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|     | cybersecurity firm FireEye Inc. said on Wednesday. Malaysian Prime Minister Tun Dr Mahathir Mohamad, who took power after an election win in May, will be in China on Friday seeking to renegotiate and possibly cancel billions of dollars' worth of Chinese-invested projects authorised by his predecessor, Datuk Seri Najib Razak.                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                        |
| 17. | <b><u>Tujuh titik panas dikenal pasti di Sarawak</u></b><br>Lembaga Sumber Asli dan Alam Sekitar Sarawak (NREB) mengenal pasti sekurang-kurangnya tujuh titik panas di Sarawak serta 121 titik panas di Kalimantan yang menyumbang kepada pencemaran jerebu ke negeri itu sejak semalam. Pegawai NREB, Peter Sawal berkata, keadaan kering dan panas luar biasa, disusuli tiupan angin dari Kalimantan yang mengarah ke Sarawak menambah buruk situasi jerebu di negeri itu.                                                                                                                                                                                                                                                                                         | Astro Awani   | Klik pada tajuk berita |
| 18. | <b><u>Jerebu teruk di Manjung, jarak penglihatan 2 km</u></b><br>Manjung menjadi daerah paling terjejas di Perak akibat masalah jerebu yang kembali melanda apabila jarak penglihatan dilaporkan berada pada tahap dua kilometer, setakat jam 12 tengah hari tadi. Pengerusi Jawatankuasa Pendidikan, Teknologi, Sains dan Alam Sekitar negeri, Dr Abdul Aziz Bari, berkata laporan diterima pihaknya menunjukkan jarak penglihatan di Ipoh pula ialah pada tahap lima kilometer. "Oleh itu, saya berharap Jabatan Pendidikan Perak dapat memantau situasi ini. "Guru pula harus mengambil inisiatif mengelakkan aktiviti di luar kelas jika keadaan cuaca tidak mengizinkan di kawasan sekolah mereka," katanya pada sidang media di pejabatnya, di sini, hari ini. | Berita Harian | Klik pada tajuk berita |
| 19. | <b><u>Call to keep Selangor clean and green</u></b><br>In order to appreciate nature's beauty, one must first inculcate awareness and be accountable in keeping nature's surroundings clean. With this in mind, Tourism Selangor introduced the 'Clean &                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | The Sun       | Rujuk lampiran 8       |

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|  | Green” campaign, which is aimed at promoting a cleaner and greener environment and raising awareness. That said, the state tourism board has come up with a programme where volunteers who help keep surroundings at Kanching Eco-Forest Park Clean, may win prize for their endeavour. |  |  |
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## ANTARABANGSA

| Bil | Berita                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Media             | Capaian Berita Penuh   |
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| 20. | <b><u>Power to the people</u></b><br>As the energy sector is transforming, there is a growing consensus that sustainable energy is a catalyst for achieving most Sustainable Development Goals (SDGs): it is crucial for better health, education, jobs, food production and conservation, as well as water use and quality. This transformation involves decentralised solutions that are changing how people interact with each other and their energy providers. | New Straits Times | Rujuk lampiran 9       |
| 21. | <b><u>Dunia semakin tenat</u></b><br>Bencana alam seluruh dunia berlaku pada kadar amat membimbangkan pada 2018. Saban minggu kita disajikan berita tentang gempa bumi yang meranapkan seluruh bandar, kebakaran hutan yang memusnahkan berhektar kawasan, banjir yang menenggelamkan kediaman, gelombang haba yang meragut nyawa dan tidak ketinggalan rebut taufan yang membadaai.                                                                                | Sinar Harian      | Rujuk lampiran 10      |
| 22. | <b><u>Suhu dunia semakin panas dalam 5 tahun</u></b><br>Pemanasan global akibat buatan manusia dan peningkatan semula jadi suhu permukaan Bumi akan menyebabkan suhu dunia menjadi semakin panas dalam tempoh lima tahun, menurut kajian dikeluarkan semalam. Berdasarkan laporan dike-luar-kan dalam jurnal Nature                                                                                                                                                 | Utusan Malaysia   | Klik pada tajuk berita |

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|     | <p>Communications, peningkatan dua kali ganda pemanasan global dan 'fenomena suhu melampau' di permukaan air laut, akan mencetuskan ribut serta taufan. "Fasa panas ini menjurus kepada perubahan iklim jangka masa panjang. Fasa seperti ini dijangka berterusan sekurang-kurangnya untuk lima tahun lagi," kata penulis utama jurnal tersebut, Florian Sevellec yang juga merupakan saintis iklim di Universiti Brest di Perancis.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                        |
| 23. | <p><a href="#"><u>Burned up: wood-fueled electricity could be more damaging than coal</u></a></p> <p>Scientists do not see largescale use of biomass for electricity as the preferred de-carbonization approach. But that didn't stop the Department of Energy, Business &amp; Industrial Strategy from approving another biomass conversion at Drax Power Station this year. The public is now becoming more aware that burning trees is not good for the environment, and voices against biomass are growing louder. In April 2018, Channel 4's Dispatchesaired a hard-hitting investigative report exposing the destruction behind the UK's move to replace dirty coal with wood fuel. As Dispatches journalists uncovered, in parts of the Southern US, unique hardwood forests that are massive storehouses of carbon are being clear cut, manufactured into wood pellets, and loaded on ships destined for Drax's boilers.</p> | The Ecologist  | Klik pada tajuk berita |
| 24. | <p><a href="#"><u>New Climate Action Fund open for applications</u></a></p> <p>Canadians are working together to ensure that our children and grandchildren will have cleaner air, a healthier environment, and a stronger economy. Today, the Minister of Environment and Climate Change, Catherine McKenna, and the President and CEO of Ingenium, Christina Tessier, were at the Canadian Heritage Plaza Bridge to launch the Climate Action Fund. The Fund will support projects that raise awareness</p>                                                                                                                                                                                                                                                                                                                                                                                                                        | Market Insider | Klik pada tajuk berita |

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|     | of climate change and clean growth and that encourage others to take action in support of Canada's climate goals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                        |
| 25. | <p><a href="#"><u>Contribute to a podcast on the impact of artificial intelligence</u></a></p> <p>If 2017 was the year artificial intelligence rose to prominence, 2018 is when we're seeing it go mainstream. Whichever area you work in, it's likely AI will become increasingly prevalent in your everyday activity. Wherever you are in the world – whether you are an expert in AI, someone whose job increasingly uses AI or simply an interested reader we would like to hear from you. Earlier this year, the Guardian published a long read that asked: Has technology evolved beyond our control? Its author, James Bridle, argued that “our technologies are extensions of ourselves, codified in machines and infrastructures, in frameworks of knowledge and action.</p> | The Guardian    | Klik pada tajuk berita |
| 26. | <p><a href="#"><u>Artificial Intelligence Will Replace Tasks, Not Jobs</u></a></p> <p>There is no shortage of angst when it comes to the impact of AI on jobs. For example, a survey by Pew Research Internet finds Americans are roughly twice as likely to express worry (72%) than enthusiasm (33%) about a future in which robots and computers are capable of doing many jobs that are currently done by humans. However, at least one set of experts believes jobs will be shredded, but not eliminated. Instead of worrying about job losses, executives should be helping to reduce jobs in which AI and machine learning take over boring tasks, while humans spend more time with higher-level tasks.</p>                                                                   | Forbes          | Klik pada tajuk berita |
| 27. | <p><a href="#"><u>Big deal for AI-powered longevity biotechnology</u></a></p> <p>The new collaboration is an indication of research into aging biomarkers together with the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Digital Journal | Klik pada tajuk berita |

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|     | <p>interventions discovered over the past five years is advancing. The collaboration is through the startup Napa Therapeutics, Ltd. Napa is to develop drugs against a novel aging-related target, as Business Insider reports. In terms of what each company will offer, the Buck Institute is one of the primary research centers focused on research into aging and the elimination of age-related disease. Insilico Medicine is an artificial intelligence pioneer, which is looking at on a range of factors associated with aging. Juvenescence is a biotechnology organisation looking at developing drugs to modify aging together with diseases associated with aging.</p>                                                                                                                                                        |                   |                        |
| 28. | <p><b><u>Climate change risks ‘devastating tsunamis’ causing havoc across globe, experts warn</u></b></p> <p>Tsunamis are one of the deadliest natural disasters – and experts say they could get even worse. A new Science Advances study modelled the impact of tsunamis based on sea level increases, and discovered worrying results. It found that rising sea levels allowed tsunamis to reach much further inland, significantly increasing the risk of floods. This means small tsunamis that might not be deadly today could wreak havoc in the future. "Our research shows that sea-level rise can significantly increase the tsunami hazard, which means that smaller tsunamis in the future can have the same adverse impacts as big tsunamis would today," said Robert Weiss, a professor of geosciences at Virginia Tech.</p> | The Sun           | Klik pada tajuk berita |
| 29. | <p><b><u>Modi announces space mission</u></b></p> <p>India will launch its first manned space mission by 2022 and roll out a health insurance scheme from September, Prime Minister Narendra Modi said on Wednesday in his last Independence Day speech ahead of next year's general election.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | New Straits Times | Rujuk lampiran 11      |

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|     | Modi, a powerful speaker who will seek re-election in the world's biggest democracy early next year, used the speech to broadcast his government's achievements, amid concerns about lack of jobs and rising violence against the Muslim minority.                                                                                                                                                                                                                                                                                                                                                                                                                       |              |                        |
| 30. | <p><b><u>India tekad lancar misi angkasa lepas</u></b></p> <p>India berhasrat melancarkan misi pertama ke angkasa lepas menjelang 2022, menjadikan ia negara keempat berbuat demikian selepas Amerika Syarikat, Rusia dan China. Berucap pada majlis sambutan Hari Kemerdekaan ke-72 negara itu, Perdana Menteri, Narendra Modi berkata, kerajaan juga akan melancarkan skim insurans perubatan bagi golongan miskin pada 25 September ini. "Sudah tiba masanya untuk kita memastikan golongan miskin di India menerima penjagaan kesihatan yang baik dan berkualiti serta ditawarkan pada harga berpatutan," kata Modi pada majlis sambutan yang diadakan Red Fort.</p> | Sinar Harian | Klik pada tajuk berita |
| 31. | <p><b><u>China blasts US solar tariffs, takes WTO action</u></b></p> <p>China has blasted US tariffs on solar panel imports, filing a complaint at the World Trade Organization in the latest salvo of the trade battle between the world's two economic giants. US President Donald Trump approved steep tariffs on solar panel imports in January to protect US producers, triggering an outcry from China, South Korea and even protests from the US solar industry. China's commerce ministry accused Washington of erecting trade barriers while subsidising its domestic industry.</p>                                                                             | Malay Mail   | Rujuk lampiran 12      |

**LAMPIRAN 1**  
**THE STAR (NATION): MUKA SURAT 4**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

**Yeo: No  
resources is  
no excuse  
not to fight  
open burning**

**KUALA LUMPUR:** Bucking up on enforcement, shifting resources and even borrowing cars and equipment – these are some of the measures Minister Yeo Bee Yin is taking to put an end to open burning as Malaysia simmers under a dry and hot season.

Yeo, who holds the Energy, Science, Technology, Environment and Climate Change portfolio, said she had held meetings with the Department of Environment (DoE) and told them to buck up.

“Only two or three weeks ago, I realised that the DoE doesn’t even have cars to conduct enforcement. That’s ridiculous! And, they don’t even have enough equipment.

“I am shifting resources from the ministry to DoE to perform their jobs. I told them ‘no excuse’. If you don’t have cars, I will borrow these for us,” she said in an interview here yesterday.

Yeo said she had also asked help from local councils as well as other agencies, such as the Fire and Rescue Department and the Health Ministry, to investigate cases of open burning.

Malaysia is currently facing sweltering temperatures, rising to as high as 37°C in Kapit, Sarawak, on Sunday.

The ministry, said Yeo, was serious in eradicating open burning, which also contributed to haze and pollution in the country.

“I want them (DoE) to give me a plan – there is no ‘cannot do’. Open burning is a tricky issue but as a government, we cannot say we cannot solve the problem.

“But I hope the public will give me some time,” she said.

This includes setting the standard operation procedure with the lead agency as well as for DoE to get their act together. “Now, it’s completely direction-less,” Yeo said.

Asked if the ministry would seek to increase the penalties on those found guilty of open burning, Yeo said the current fine of up to RM500,000, imprisonment for up to five years, or both were “high enough”.

“The problem right now is that you cannot catch the culprits. So, we need to find a solution to bring them to court and make sure they are penalised.

“I’ve told DoE that I want enforcement to be strict and there will be no compromise,” she said.

On the probability of haze recurring this year, usually during the months of July and September, Yeo said this would “not be very high” due to lower number of hotspots detected in Indonesia this time around.

“But we have put together an emergency plan. For example, once haze reaches a certain level, we may carry out cloud seeding,” she said.

To a question if she would seek a meeting with Indonesian authorities, Yeo said: “I am trying to pay them a visit. If possible, I would like to discuss but time is short.”

**LAMPIRAN 2**  
**SINAR HARIAN (SENTRAL): MUKA SURAT 17**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

## **Masalah pembakaran tanah gambut akan selesai**

KLANG - Pasukan Tentera Udara Diraja Malaysia (TUDM) dijangka akan digerakkan untuk melakukan pembenihan awan bagi membantu memadamkan kebakaran tanah gambut di sekitar Johan Setia.

Menteri Tenaga, Sains, Teknologi Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, Kementerian Pertahanan telah dihubungi bagi tujuan itu dan usaha menyelesaikan masalah tersebut dengan segera.

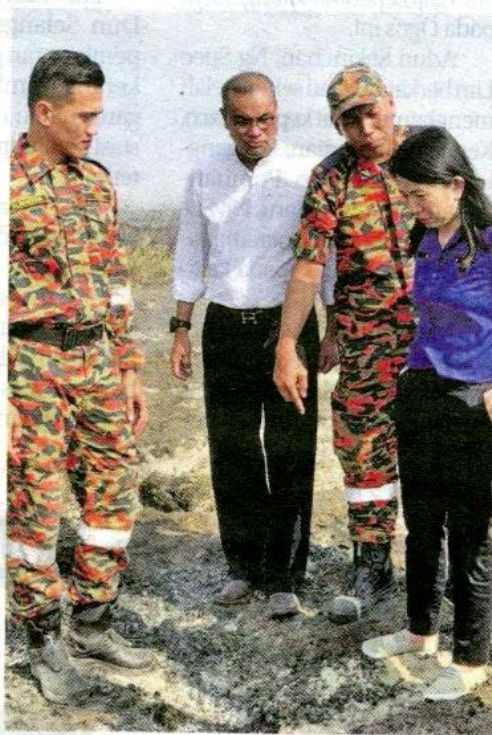
"Setakat ini fokus kita adalah untuk memadamkan api seberapa segera bagi mengelakkan berlakunya pencemaran udara yang lebih buruk.

"Saya sudah menghubungi Menteri Pertahanan, Mohamad Sabu untuk menggerakkan pasukan TUDM bagi melaksanakan pembenihan awan.

"Kita jangkakan dalam tempoh tiga jam ia dapat dilaksanakan, namun ia bergantung kepada keadaan cuaca bagi menghasilkan hujan," katanya.

Beliau berkata demikian kepada pemberita ketika melakukan lawatan kerja ke Pusat Kawalan Operasi Bencana (PKOB) kebakaran tanah gambut di Johan Setia, semalam.

Selain itu, Bee Yin menjelaskan pihaknya telah menggerakkan seramai 40 anggota tambahan dari Jabatan Bomba dan Penyelamat (JBPM) dan pihak berkuasa tempatan (PBT) bagi membantu 38



**Bee Yin (kanan) mendengar taklimat perkembangan keadaan kebakaran tanah gambut di Johan Setia.**

anggota sedia ada dalam operasi pemadaman.

Katanya, tambahan lima buah pam air turut ke lokasi pemadaman menjadikan sebanyak lapan buah pam air digunakan bagi kerja-kerja pemadaman api.

Sementara itu, Bee Yin menegaskan tindakan akan dikenakan terhadap individu atau pihak yang bertanggungjawab dalam kebakaran berkenaan.

"Kita tidak teragak-agak untuk kenakan tindakan tegas terhadap pelaku yang memulakan pembakaran.

"Mereka boleh dikenakan denda maksimum RM500,000 dan penjara lima tahun jika sabit kesalahan di bawah Seksyen 29 A Akta Jabatan Alam Sekitar," katanya.

LAMPIRAN 3  
THE STAR (NATION): MUKA SURAT 4  
TARIKH: 16 OGOS 2018 (KHAMIS)

# More cities and towns 'frying'

Category 1 areas hitting maximum temperatures continuously

**PETALING JAYA:** Eighteen towns and cities nationwide are on heat-wave alert due to soaring temperatures.

According to the **Department of Environment's (DoE)** website ([http://bencana.met.gov.my/data/obs/Gelombang\\_Haba.htm](http://bencana.met.gov.my/data/obs/Gelombang_Haba.htm)), a location is placed under Category 1 or heat-wave alert when the maximum temperature is between 35-37°C for three days in a row.

The locations that hit Category 1 yesterday were Sik in Kedah; Kuala Selangor (Selangor); Bentong, Temerloh, Maran, Kuantan and Rompin (Pahang); and Segamat (Johor).

Bau, Kuching, Sri Aman, Saratok, Sibul, Kapit, Bintulu and Limbang in Sarawak as well as Kota Kinabalu and Kudat in Sabah were also in Category 1.

Temperatures in several parts of the country have been rising due to the current southwest monsoon,

which started in the third week of May.

This is reflected in the number of areas classified as Category 1, which has risen from three on July 26 to 18 as at Tuesday.

Key cities and towns have also become hotter due to the conditions brought about by the monsoon.

According to the AccuWeather app, Kuala Lumpur, which has an average maximum temperature of 32°C, saw a high of 35°C yesterday.

Ipoh and Kuching, which have an average maximum of 31°C and 32°C respectively, hit 35°C too.

One level up from Category 1 is Category 2, which is when the temperature goes above 37°C for three days straight.

When an area hits Category 2, the Energy, Science, Technology, Environment and Climate Change Ministry is empowered to officially declare a heatwave in the location.

This is so that other relevant

authorities can take follow-up action, including the closure of schools in affected areas.

Category 3 or the emergency level is when the temperature soars above 40°C for three days in a row.

When a location hits Category 3, the National Disaster Management Agency will be notified, and the Prime Minister can declare an emergency.

However, the arrival of the inter-monsoon period in October is expected to bring cooler weather.

Throughout the inter-monsoon season, late afternoon and early evening thunderstorms and heavy rains are forecast in the west coast Peninsular states and western Sabah, along with western and central Sarawak, according to MetMalaysia's forecast.

In addition, most parts of Peninsular Malaysia are expected to receive higher than normal rainfall at this time.

A daily Fire Weather Index Map of the country classifies most of Selangor, Negri Sembilan, Melaka, Johor and southern Pahang in red or "extreme" category.

The various categories in the map are blue (low), green (moderate), yellow (high) and red (extreme).

Updated daily, the map labelled the five peninsular states in red as at 2pm on Monday, along with Sibul in Sarawak and parts of southern and northern Sabah.

The map (<http://www.met.gov.my/iklim/fdrs/mfdrs>) is part of MetMalaysia's Fire Danger Rating System, which provides fire management data.

According to Global Forest Watch, an open-source web application to monitor global forests in near real-time, there were 1,740 fire alerts in the country this month.

Sarawak recorded the highest number of alerts, followed by Pahang, Sabah and Terengganu.

**Dousing the flames:**  
A fireman putting out a fire next to a cemetery in Batu Kawa, Kuching. The fire is believed to have started because of extreme heat.



## Hotspots and open burning bring back haze

**KUCHING:** The haze has returned to parts of Sarawak due to the rising number of hotspots in Kalimantan and open burning in the state.

State Natural Resources and Environment Board (NREB) controller Peter Sawal said 121 hotspots were detected across the border on Tuesday, more than double the day before.

Seven hotspots were also detected - two in Kuching, three in Mukah and one each in Sarikei and Sri Aman.

As at 2pm yesterday, nine areas in the state recorded moderate air pollutant index (API) readings with Mukah, the highest at 84.

This was followed by Sibul (75), Bintulu (71), Samalaju (61), Kuching (58), Kapit (56), Samarahan (53),

Sarikei (53) and Sri Aman (51).

A reading of 0-50 is considered good, 51-100 moderate and 101-200 unhealthy.

Sawal said the hazy conditions could last until the end of the month if there were no changes in the prevailing dry weather and wind direction.

"From the briefing by the Meteorological Department, we're expecting this month to be dry with below normal rainfall.

"But things may change; we may experience intermittent rain and that will dampen the weather.

"However, we also monitor the situation because of the high number of hotspots detected across the border and the winds blowing towards us," he said.

Sawal said a few incidents of local burning by farmers had been detected in Sibul, Mukah, Sri Aman and Betong.

"Our men on the ground are now advising local farmers to be vigilant in controlling and monitoring their burning to prevent it from spreading," he said.

He also said NREB had stopped issuing permits for open burning to plantation companies since July and would take action against any illegal burning activities.

Offenders can be fined RM30,000 or prosecuted in court.

However, Sawal said better awareness and enforcement had resulted in a reduced number of illegal burning cases.

"For the past few years, our

records show that incidents of illegal burning had reduced. I think, they are aware of the seriousness of illegal open burning.

"At the same time, our concerted efforts mean they cannot escape. We can detect (open burning) through satellite and pinpoint the location," he said. "Then, we proceed to the ground to verify it."

In **Miri**, firemen were battling several wildfires in Mukah, Bintulu and Bintangor.

Some 10 acres of wildfires have been burning since Tuesday evening in Kampung Assykirin in Bintulu.

In **Mukah**, peatfires in Daro are being tackled while in Bintangor, wildfires have been contained at 60 acres (24.3ha) of the Felcra Bunut plantations.

## LAMPIRAN 4

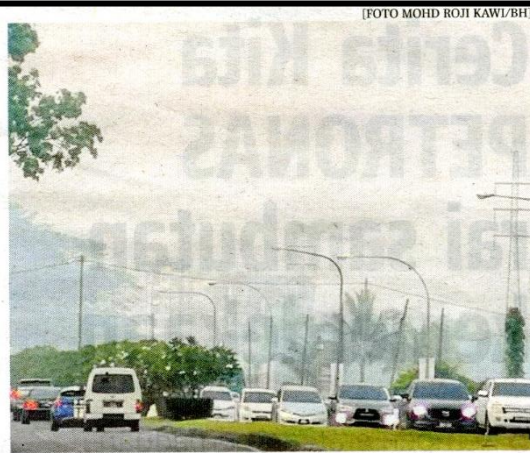
### BERITA HARIAN (ALAM SEKITAR): MUKA SURAT 20

### TARIKH: 16 OGOS 2018 (KHAMIS)



[FOTO RAMDZAN MASIAM/BH]

Bangunan Tun Abdul Razak (KOMTAR) hampir tidak dapat dilihat akibat jerebu yang dirakamkan pada jam 10.30 pagi semalam.



[FOTO MOHD ROJI KAWI/BH]

Pemandangan Bandaraya Kuching yang mula dilanda jerebu, semalam.

# Negara mula dilanda jerebu

➔ 4 kawasan di Perak, tiga di Sarawak catat IPU sederhana

Oleh Shamsul Kamal Amarudin, Hidayatul Akmal Ahmad dan Nur Izzati Mohamad  
cnews@nstp.com.my

► Kuala Lumpur

**P**erak antara beberapa negeri di pantai barat Semenanjung dan Sarawak dilanda jerebu sederhana, semalam.

Menurut bacaan terkini Indeks Pencemaran Udara (IPU) di laman sesawang Jabatan Alam Sekitar, sehingga jam 2 petang, empat kawasan mencatat bacaan IPU sederhana iaitu Taiping (83), Tasek Ipoh (74), Pegoh Ipoh (84) dan Seri Manjung (71).

Tiga kawasan di Sarawak turut mencatat IPU sederhana iaitu Sibu (74), Mukah (83) dan Bintulu (71).

Beberapa kawasan di Perlis, Kedah, Pulau Pinang, Selangor dan Negeri Sembilan mencatat bacaan IPU sederhana dengan bacaan antara 55 hingga 65.

Bacaan IPU 0 hingga 50 dikategorikan sebagai baik, 51 hingga 100 (sederhana), 101 hingga 200 (tidak sihat), 201 hingga 300 (amat tidak sihat) dan lebih 301 (berbahaya).

Di Ipoh, Pengerusi Jawatankuasa Pendidikan, Teknologi, Sains dan Alam Sekitar negeri, Dr Abdul Aziz Bari, berkata Manjung paling terjejas di Perak akibat masalah jerebu yang kembali melanda apabila jarak penglihatan pada tahap dua kilometer sehingga jam 12 tengah hari semalam.

#### Tujuh titik panas

Katanya, laporan menunjukkan jarak penglihatan di Ipoh pula ialah pada tahap lima kilometer.

"Saya berharap Jabatan Pendidikan Perak dapat memantau situasi ini. Guru pula harus mengambil inisiatif mengelakkan aktiviti di luar kelas jika keadaan cuaca tidak mengizinkan di kawasan sekolah mereka," katanya pada sidang media semalam.

Abdul Aziz berkata, maklumat juga menunjukkan ada tujuh titik panas di Semenanjung serta 41 titik panas di Indonesia, dan jerebu berlaku akibat pembakaran terbuka di Sumatera, Indonesia.

Katanya, angin Monsun Barat Daya yang bertiup menghala Semenanjung menyebabkan keadaan jerebu dijangka berlarutan dalam tempoh sebulan ini, bergantung pada arah tiupan angin dan taburan hujan.

"Masalah jerebu di harap tidak berpanjangan kerana ia mungkin boleh menjejaskan penganjuran Sukan Malaysia (SUKMA) yang akan diadakan di negeri ini, bulan depan," katanya.

Di Butterworth, Pengerusi Jawatankuasa Pertanian, Pengu-

nan Luar Bandar dan Kesihatan, Dr Afif Bahardin, menasihati rakyat minum air secukupnya berikutan keadaan berjerebu dan cuaca panas bagi mengelak masalah dehidrasi.

Katanya, orang ramai tidak perlu panik sebaliknya mengambil langkah untuk menjaga kesihatan mereka antaranya mengurangkan aktiviti di luar rumah.

"Pastikan minum air yang mencukupi dan memakai penutup muka ketika keluar dari rumah," katanya.

Sementara itu, BERNAMA melaporkan beberapa negeri di Semenanjung, kawasan barat Sabah dan Sarawak dijangka menerima hujan di bawah paras purata sepanjang bulan ini hingga September, berikutan cuaca panas.

**LAMPIRAN 5**  
**THE STAR (NATION): MUKA SURAT 1 & 5**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**



Yeo Bee Yin is feeling the heat. Not only are 18 towns and cities frying, the DoE has neither the equipment nor the vehicles to stamp out open burning. The minister isn't alone. The Penang government is worried too. The haze, brought about by fires in and outside the country, is choking the island.  
> See reports on Pages 4 & 5

## Phee: We're worried, the API is rising in Penang

By **TAN SIN CHOW**  
sctan@thestar.com.my

**GEORGE TOWN:** Penangites woke up to the haze which is expected to go on for the next few days.

Penang Environment Committee chairman Phee Boon Poh says the state government will give out face masks to the public if the Air Pollutant Index (API) goes above 75.

A check on the Department of Environment website at 3pm yesterday showed that the readings in

Seberang Prai, Seberang Jaya, Minden and Balik Pulau were hovering between 63 and 65.

An API reading of between 0 and 50 is good, while 51 to 100 is moderate, 101 to 200 is unhealthy, 201 to 300 very unhealthy, and 301 and above deemed hazardous.

Phee said they were keeping a close watch on the weather pattern, adding that the state was worried as the API was rising.

"We expect worsening air quality although the air readings are still

classified as moderate.

"Drink more water and avoid being caught in the rain as it could be acid rain," he said.

"Under extreme hot weather, the rainwater which comes into contact with pavements or roads could generate a 'steam' that is not good for health," he added.

Phee said the haze was brought about by the Southwest Monsoon and the Northwest Monsoon, while the heat wave was also causing health problems.

"This is due to the suspended particles likely from the Lombok earthquake.

"Right now, there are no peat fires or hot spots in the region, and there are no flight cancellations," he said.

State Health Committee chairman Dr Afif Bahardin said the hazy condition would not cause any major health issues other than irritation to the eyes, nose and throat.

"Those who are feeling unwell, especially the elderly and children, and those with chronic heart or

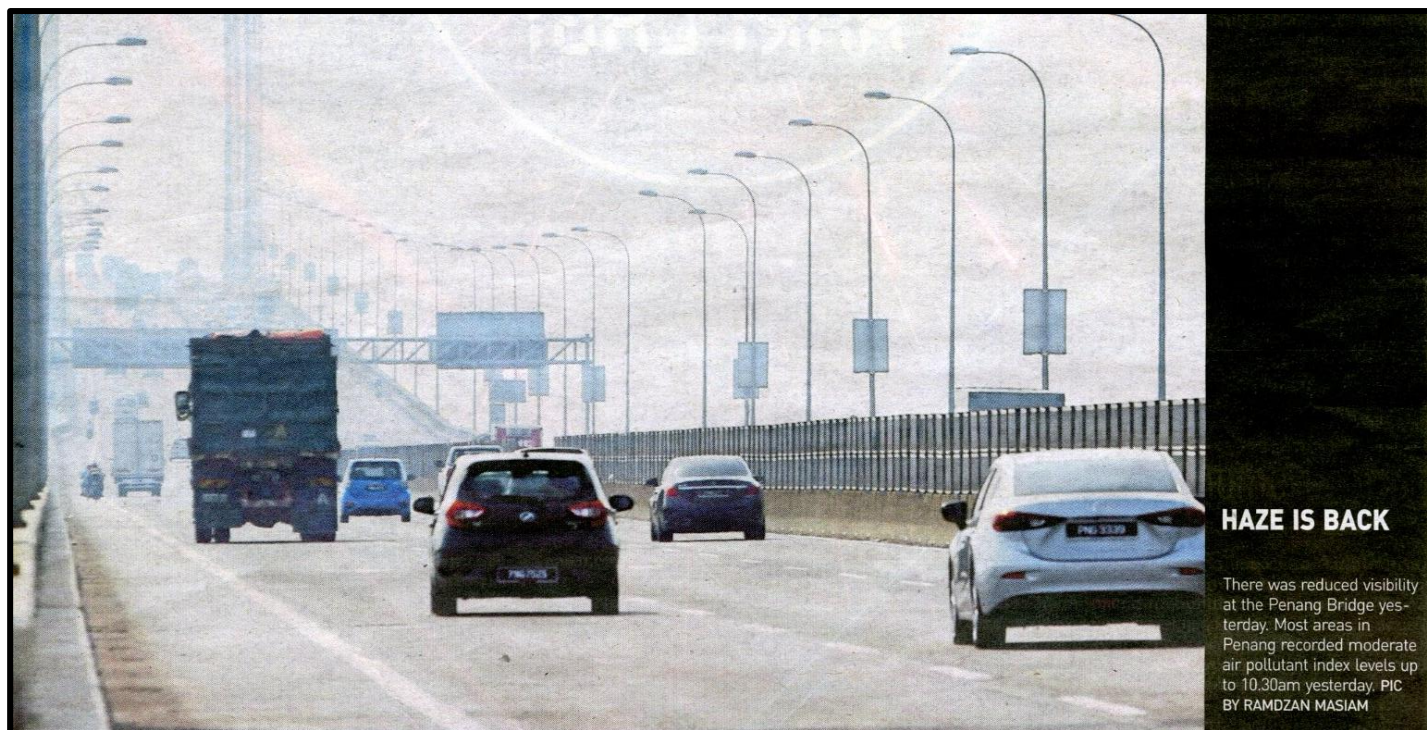
lung conditions, are advised to seek medical attention immediately."

Many people were seen buying "antelope's horn and mak dong" drinks from a shop in Bayan Baru that sells an assortment of traditional medicinal teas.

Supervisor Wong Wai Ching, 50, claims the homemade drinks, selling at RM11.20 for a 500ml bottle, could help cool the body.

"It also helps if you have a sore throat, loss of voice or are feeling feverish," she said.

**LAMPIRAN 6**  
**NEW STRAITS TIMES (NEWS): MUKA SURAT 12**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**



**LAMPIRAN 7**  
**HARIAN METRO (SETEMPAT): MUKA SURAT 14 & 15**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

**Muhammad Saufi Hassan**  
sauti@hmetro.com.my

**Kuala Lumpur**

**F**enomena cuaca panas melanda seluruh negara ketika ini tidak mempunyai kaitan dengan kedudukan jajaran planet di dalam sistem solar yang kononnya semakin hampir antara satu sama lain.

Pakar astronomi Shahrin Ahmad berkata, sebelum ini maklumat yang tular di media sosial mendakwa fenomena cuaca panas di negara ini sekarang disebabkan perubahan kedudukan antara planet.

"Cuaca panas tidak ada kaitan dengan kedudukan planet. Ia adalah dua situasi yang sangat berbeza dan tidak berkaitan.

"Senario berlaku amat berbeza, yang pertama memabitkan pergerakan planet manakala cuaca pula dipengaruhi oleh perubahan tiupan arah angin.

"Mungkin bagi yang kurang mengetahui, mereka mengandaikan ini satu situasi yang saling berhubung kait sedangkan fakta sebenar adalah berbeza," katanya ketika dihubungi, semalam.

Menurutnya, sebarang perubahan di langit seperti berlakunya pengumpulan planet seperti didakwa punca menyebabkan fenomena cuaca panas adalah tidak betul.

Katanya, fenomena cuaca panas yang berlaku sekarang adalah hasil tiupan arah angin termasuk pengaruh perubahan monsun.

Sementara itu, Jabatan Meteorologi Malaysia (Met Malaysia) menerusi satu kenyataan menjelaskan bahawa cuaca panas yang berlaku adalah disebabkan oleh fasa Monsun Barat Daya yang mendominasi keadaan cuaca negara.

Laman web Met Malaysia menunjukkan bahawa suhu maksimum yang dicatatkan adalah 35 darjah celsius (C) bagi kawasan kering dan panas manakala suhu minimum adalah 24 C untuk kawasan tanah tinggi.

Kenyataan itu menjelaskan bahawa keadaan panas berkenaan akan berlarutan hingga pertengahan September dan

# PANAS BUKAN PASAL PLANET

■ Cuaca membahang akibat dominasi Monsun Barat Daya



KONTRAKTOR pendawaian elektrik melakukan kerja pembaikan lampu jalan dalam keadaan cuaca panas terik di Jalan Semarak.

sepanjang tempoh berkenaan keadaan cuaca adalah panas serta kering.

"Menerusi pemantauan anomali purata suhu permukaan laut (SST) terkini bagi April hingga Jun lalu adalah 0.1 C berbanding -0.4 C pada bulan sebelumnya.

"Selain itu, kejadian hujan lebat, ribut petir serta angin kencang juga boleh berlaku di kawasan perairan pantai barat Semenanjung Malaysia pada awal pagi berikutan pembentukan garis badai yang dikenali sebagai Sumatras.

"Pada Ogos, kebanyakan tempat di Semenanjung Malaysia

dijangka menerima hujan pada paras normal dengan jumlah antara 150 milimeter (mm) hingga 250 mm kecuali beberapa tempat di Perak (Perak Tengah hingga Selatan), Selangor, Negeri Sembilan, Melaka, Wilayah Persekutuan Kuala Lumpur dan Putrajaya yang dijangka menerima hujan sedikit di bawah paras normal," katanya.

Bagaimanapun, keadaan panas kering akan berubah pada Oktober ketika fasa peralihan dan sepanjang tempoh berkenaan, keadaan cuaca lembap dengan hujan serta ribut petir dan angin kencang.

**LAMPIRAN 8**  
**THE SUN (MEDIA & MARKETING): MUKA SURAT 20**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

# Call to keep Selangor clean and green

**> 'Incentive' for keeping Kanching Eco-Forest Park free of litter**

IT'S a Saturday and you had a great time picnicking by the waterfalls with your family, but don't forget to clean up after yourselves! Better still, why not pick up rubbish in the surrounding area and stand a chance to win a prize?

In order to appreciate nature's beauty, one must first inculcate awareness and be accountable in keeping nature's surroundings clean.

With this in mind, Tourism Selangor introduced the "Clean & Green" campaign, which is aimed at promoting a cleaner and greener environment and raising awareness.

That said, the state tourism board has come up with a programme where volunteers who help keep surroundings at Kanching Eco-Forest Park clean, may win a prize for their endeavour.

The campaign, which began in this year is a collaboration between



Selangor Culture, Tourism, Malay Customs and Heritage Committee chairman Datuk Abdul Rashid Asari (seventh, left), Ong (sixth, left), Noorul (fourth, right) and Templer assemblyman Mohd Sany Hamzan (in orange) with event sponsors and partners.

Tourism Selangor and Firefly Sdn Bhd; the airline company, the main sponsor. It will run until February 2019 and offers the chance to win prizes through lucky draws.

To boost awareness on the campaign and encourage cleaner and greener spaces, Tourism Selangor organised an event at the Kanching Eco-Forest Park. At the event, the organisers shared about the objectives behind the campaign and what it

requires of visitors to the forest park, plus how they can win prizes for their conscientious efforts in keeping the park free of litter.

Campaigns like "Clean & Green" are crafted to inspire and motivate the community, and remind us of our social obligations and standard living principles as inhabitants of this planet.

"Tourism Selangor is dedicated in promoting public awareness on the

importance of systematic waste management by educating the public about depositing waste items into proper waste bins.

"This ensures the eco-tourism system will be well managed," said Tourism Selangor general manager Noorul Ashikin Mohd Din.

For a chance to win, simply collect rubbish from around the area and have this placed at designated locations.

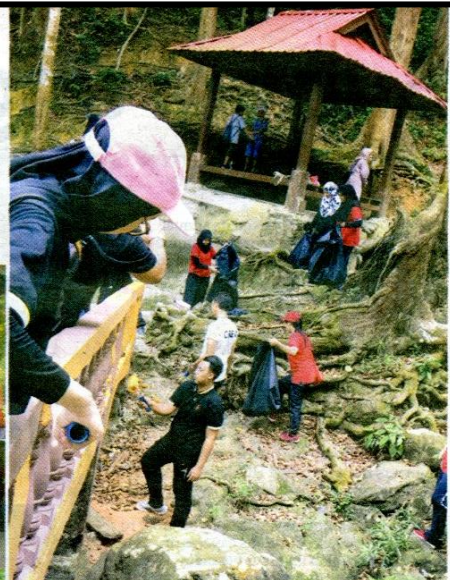
You will also need to fill

out a form to record your effort and include your contact details.

Other sponsor and partner companies and organisations include the Selangor Municipal Council, Kuala Selangor District Council, Mentri Besar Selangor Incorporated (MBI), Bangi Wonderland, RHR Hotel Selangor, RHR Hotel Bangi, Sunway Lagoon, SkyTrex Shah Alam, Farm in the City, Commonmeal Forest Park &

Resort, Minnature USJ, Eazy Nest Sdn Bhd, Safa Trading, Camp5 Climbing Gym and Carlton Holiday Hotel.

While the main objective of this campaign is to preserve nature's beauty and encourage the public to maintain good and responsible social habits, it also hopes to raise awareness on waste management and raise the image of the country, which can indirectly boost Selangor tourism globally.



Volunteers from the National Craft Institute and SMK Bangsar beautifying the area and clearing litter from Kanching Eco-Forest Park.

**LAMPIRAN 9**  
**NEW STRAITS TIMES (OPINION): MUKA SURAT 17**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

**SUSTAINABLE ENERGY**

# POWER TO THE PEOPLE

One billion people live without access to electricity and three billion have no access to clean cooking fuels, writes **ECO MATSER**.

**A**S the energy sector is transforming, there is a growing consensus that sustainable energy is a catalyst for achieving most Sustainable Development Goals (SDGs): it is crucial for better health, education, jobs, food production and conservation, as well as water use and quality.

This transformation involves decentralised solutions that are changing how people interact with each other and their energy providers. It influences the role of citizens not only as consumers but also as "prosumers" or energy entrepreneurs.

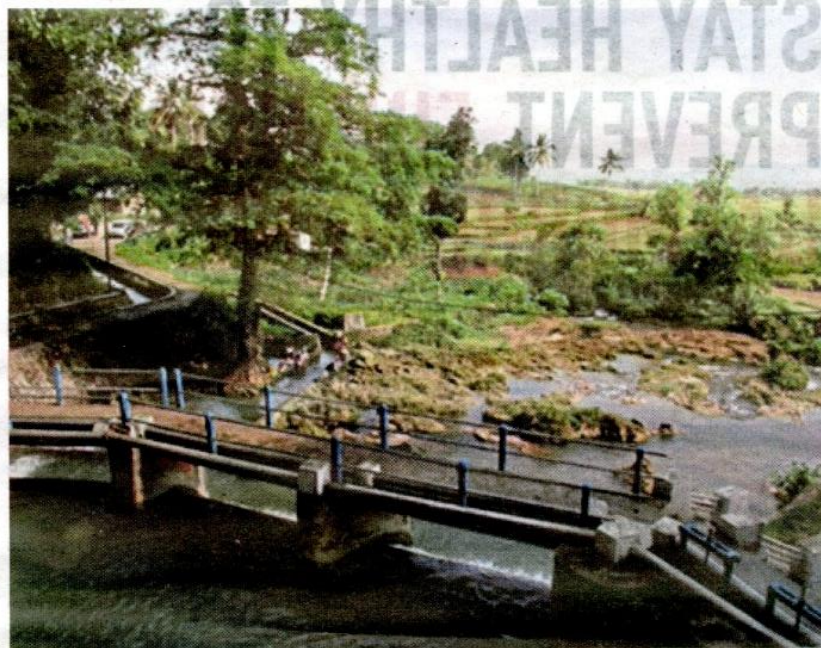
Today, one billion people still live without access to electricity and three billion have no access to clean cooking fuels.

Access to energy is not just an end in itself. It is also a stepping stone to overcome two major challenges the world is facing: mitigating climate change and degradation of natural resources ensuring that all people everywhere are able to take charge of their own lives in inclusive and open societies.

Where does energy come into the picture?

Traditionally, having access to energy often meant you had to live near a power grid or rely on diesel and kerosene or firewood. But the urgency of combating climate change, combined with technological advances and significant price reductions, has rapidly increased the availability and affordability of renewable energy. In addition, the move from centralised power distribution to decentralised off-grid and mini-grid systems powered by renewables is gaining strength. This would make much more energy available for disadvantaged communities and remote areas.

To move forward, policies must become more supportive while energy finance needs to fundamentally change. Currently, the main problem is not a lack of finance, but how finance flows —



*A hydro plant in Sumba, Indonesia. The island is a frontrunner example of an ambitious and innovative energy transition. IPS PIC*

mainly to on-grid systems in higher income countries — while the greatest need is for off-grid systems in lower income areas.

The Indonesian island of Sumba is a frontrunner example of an ambitious and innovative energy transition. Hivos, a development aid foundation set up in the Netherlands in 1968, introduced the Sumba Iconic Island initiative in 2009, and it has since become living proof that decentralised sustainable energy systems positively affect green, inclusive growth. This initiative succeeded thanks to its multi-stakeholder approach with governments (local and national), private sector, and community-based organisations closely working together. Through decentralised mini-grid and off-grid solutions, the project has provided energy access for more people than ever before. In addition, Sumba stands as an inspiring example for local citizens and the Indonesian government of the opportunities renewable energy brings.

Transitioning to decentralised energy systems will be one of the key success factors for achieving SDG7 before 2030. If we want to create sustainable and resilient societies, we have to focus on the

millions that still lack even basic energy services, while also drawing attention to the current inequalities in global energy systems. In particular, we must empower women and youth to become entrepreneurs in the green energy transition.

Working alongside local partners on the ground, we can make sure that future energy systems are developed with the end users in mind. This means creating more enabling environments for energy entrepreneurship and channelling both public and private finance into decentralised solutions for low-income communities and remote rural areas.

In countries such as Kenya and Nepal, the government has already successfully implemented financial pay-as-you-go models with personalised repayment schemes. Yet, these best practices need to materialise faster and on a much larger scale if we are serious about leaving no one behind.

Another decisive component for universal energy access is the presence of multi-stakeholder initiatives. Without partnerships, the transition will struggle to pick up speed. This is why Hivos led the creation of the

Brooklyn Coalition in 2017 to accelerate the uptake of decentralised renewable energy.

Uniting the governments of the Netherlands, Nepal and Kenya, private sector actors, this coalition works to promote green societies where citizens are the driving force behind new solutions for their energy needs. Here, there is a big role to play for organisations that represent civil society at the UN's High-level Political Forum review of SDG7.

Equally important is the interlinkage with other SDGs. Energy access is also vital for sustainable production, resilient water resources and inclusive cities. Providing energy for households, communities and workplaces forms the basis of thriving societies.

With great progress in many countries worldwide, there is good reason to be optimistic. Now, we must stress the continued need for enabling policies and investment in decentralised renewable energy solutions to complement grid systems and bring everyone along in the green energy transition. **IPS**

The writer is Hivos global Climate Change/Energy and Development coordinator

**Now, we must stress the continued need for enabling policies and investment in decentralised renewable energy solutions to complement grid systems and bring everyone along in the green energy transition.**

## LAMPIRAN 10

### SINAR HARIAN (ISU MINGGU INI): MUKA SURAT 2 & 3

### TARIKH: 16 OGOS 2018 (KHAMIS)



**Trivia**

1. Seorang bayi lelaki yang dilahirkan pada awal pagi Isnin, sehari selepas gempa Lombok diberi nama Muhammad Gempa Rizki.
2. Seorang lagi bayi lelaki bernama Giat Bumi dilahirkan di hospital lapangan, sejam selepas wilayah itu digegarkan gempa bumi susulan pada Rabu.

# DUNIA

## SEMAKIN TENAT

**B**encana alam seluruh dunia berlaku pada kadar amat membimbangkan pada 2018. Saban minggu kita disajikan berita tentang gempa bumi yang meranapkan seluruh bandar, kebakaran hutan yang memusnahkan berhektar kawasan, banjir yang menenggelamkan kediaman, gelombang haba yang meragut nyawa dan tidak ketinggalan ribut taufan yang membadai.

Tidak kira dalam bentuk apa sekalipun, kemusnahan yang datang seiring dengan bencana kadangkala terlalu besar untuk diukur. Kehilangan nyawa dan harta benda

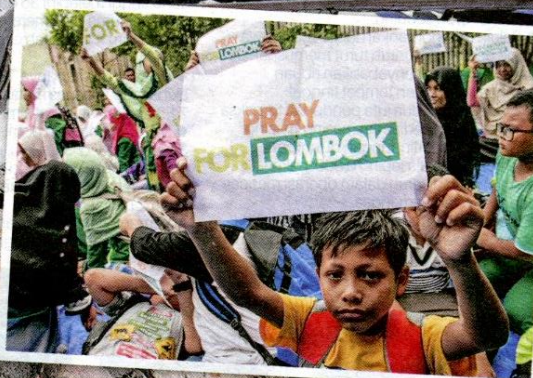
mendatangkan trauma mendalam dan mereka yang terkesan mengambil masa lama untuk kembali pulih dari segi emosi, mental dan juga fizikal.

Kemusnahan akibat tragedi alam turut menyebabkan kegawatan politik, sosial, dan ekonomi sekaligus merubah kehidupan dunia secara keseluruhan.

Mengawasi dan menangani isu alam sekitar yang mampu menjelaskan kesejahteraan bumi menjadi antara tugas kita sebagai khalifah di dunia, di samping berusaha membina masa depan yang lebih baik.

**TRAGEDI LOMBOK**

- Antara bencana alam paling dahsyat pada tahun ini, berlaku di negara jiran Indonesia. Gempa Lombok berkekuatan 6.9 magnitud pada 5 Ogos lalu memusnahkan puluhan ribu rumah, masjid dan perniagaan di seluruh pulau peranginan itu, seminggu selepas gempa 6.4 skala Richter meragut 17 nyawa.
- Kawasan paling teruk terjejas adalah di Lombok Utara di mana 374 kematian direkodkan dan lebih 137,000 terpaksa meninggalkan kediaman masing-masing.
- Ratusan gempa susulan direkodkan termasuk gegaran berkekuatan 5.9 skala Richter pada 9 Ogos lalu yang menyebabkan ramai penduduk yang trauma lari bertempiran menyelamatkan diri.
- Sektor pelancongan turut terjejas teruk akibat gempa yang menyaksikan lebih 2,000 pelancong dipindahkan dari pusat peranginan di Kepulauan Gili.
- Penilaian kos awal kemusnahan gempa dianggarkan mencecah AS\$342 juta (RM1.4 bilion) dan jumlah sebenar masih belum dipastikan.



**MS 2**

## LAMPIRAN 10 (SAMBUNGAN)

### SINAR HARIAN (ISU MINGGU INI): MUKA SURAT 2 & 3

### TARIKH: 16 OGOS 2018 (KHAMIS)

#### 1. **KEBAKARAN HUTAN CALIFORNIA**

Bermula 23 Julai lalu, kebakaran diberi nama 'Carr fire' memusnahkan kawasan dari Redding di Utara California hingga ke Riverside County di bahagian selatan dan memusnahkan 657 kediaman.

- Suhu tinggi mencetuskan 17 kebakaran aktif di seluruh negeri 'Golden State' itu dan menurut pakar, 'Carr fire' adalah kebakaran ketujuh paling dahsyat. 12,000 anggota bomba dari 16 negeri bekerjasama memadam kebakaran daripada terus merebak.

- Brandon N. McGlover didakwa dengan sengaja memulakan kebakaran dikenali sebagai 'Cranston Fire' dan beberapa kebakaran kecil lain.

- Lebih 103,000 ekar tanah terbakar di sekitar Redding, sementara 'Ferguson Fire' memusnahkan 57,846 ekar kawasan, manakala 'Mendocino Complex Fire' memusnahkan enam kediaman.

- Dianggarkan 300,000 ekar tanah di seluruh California musnah akibat kebakaran hutan dan enam orang turut kehilangan nyawa.

#### 2. **BANJIR DAN TANAH RUNTUH JEPUN**

- Minggu pertama bulan Julai 2018, menyaksikan hujan lebat melanda kawasan Barat daya Jepun yang mengakibatkan banjir dan tanah runtuh, dikatakan hanya dalam beberapa hari, wilayah tersebut menerima tiga kali jumlah hujan yang biasa untuk tempoh sebulan.

- Selain mengorbankan lebih 100 nyawa, banjir dan tanah runtuh turut memusnahkan bangunan dan menyebabkan ribuan mangsa kehilangan tempat tinggal.

- Dianggarkan, dua juta penduduk terpaksa meninggalkan kediaman masing-masing bagi mencari perlindungan di tempat selamat manakala lebih 70,000 pekerja keselamatan dikerah dalam operasi mencari dan menyelamatkan mangsa.

- Masih di Jepun, selepas banjir ia dilanda pula fenomena gelombang haba dengan



Banjir teruk melanda Kurashiki, di wilayah Okayama. - FOTO AFP

suhu tinggi melebihi 35 darjah celsius, wilayah Kumagaya merekodkan suhu maksimum 41.1 darjah celsius pada 23 Julai lalu.

- Sekurang-kurangnya 138 orang maut akibat cuaca panas melampau, sementara 71,266 dirawat akibat simptom strok haba.

- Menurut pasukan bomba dan penyelamat Jepun, pada 17 Julai lalu, perkhidmatan ambulans telah dikerah 2,900 kali sehari dan jumlah tersebut meningkat kepada 3,125 kali pada 21 Julai.

- Kementerian Pendidikan Jepun turut mengeluarkan amaran agar pihak sekolah

mengambil langkah pencegahan terhadap strok haba.

- Selain Jepun, gelombang haba turut melanda Greece yang diancam kebakaran hutan berikutan suhu tinggi yang mencengkam sebahagian besar Eropah.

- Di Sweden, sekurang-kurangnya seorang maut dan berpuluh lagi cedera akibat kebakaran hutan. Norway turut mengalami suhu panas tertinggi pada Mei lalu.

- Bahagian timur England juga mengalami strok haba berpanjangan, sementara bandar seluruh timur Kanada dilanda suhu panas yang meragut 70 nyawa di Quebec sahaja.

#### 3. **BANJIR KERALA**

Hujan lebat berterusan di sebahagian besar Kerala mencetuskan insiden tanah runtuh dan banjir terutama di daerah Wayanad mengakibatkan ribuan penduduk terpaksa menumpang di kem pemindahan banjir.

- Terkini, sejumlah 13,800 mangsa menerima perlindungan di 124 kem pemindahan akibat banjir yang melanda.

- Pusat Tindak Balas Kecemasan Kebangsaan (NERC) di New Delhi mengatakan bahawa 187 orang maut di Kerala akibat monsun yang mengganas, 2,406 kampung di 14 daerah musnah teruk akibat hujan dan banjir, dan lebih dari 26,400 hektar tanaman rosak. Kejadian tanah runtuh dilaporkan dari pelbagai lokasi di daerah Malappuram, Kozhikode, Idukki dan Wayanad. 2:08 PM

#### 4. **LETUSAN FUEGO & KILAUEA**

Letusan Gunung Berapi Fuego pada 3 Jun lalu, menjejaskan perkampungan San Miguel Los Lotes di Guatemala.

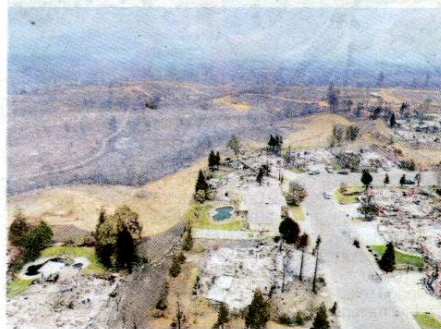
- Kerosakan menjejaskan lebih dua juta orang, lebih 33 orang dilaporkan menjadi korban letusan sementara aliran lava panasnya memusnahkan sejumlah besar bangunan dan apa sahaja yang berada dalam laluannya.

- Letusan Gunung Berapi Kilauea pada 3 Mei lalu, menjejaskan sebahagian besar Hawaii sehingga memaksa gabenor kepulauan terbabit mengisytiharkan darurat.

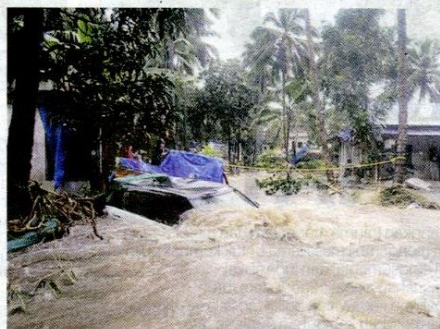
- Pada 25 Mei, gempa bumi berkekuatan 4.4 pada skala Richter menggegarkan kawasan berhampiran kaki Gunung Berapi Kilauea dan mengakibatkan debu hitam dan asap tebal memenuhi ruang udara Hawaii.

- Gempa 3 Jun berkekuatan 5.5 pada skala Richter memburukkan lagi situasi, penduduk terperangkap terpaksa tinggal di rumah tanpa bekalan elektrik dan air serta mengalami gangguan komunikasi.

- Lebih 1,700 pemindahan terpaksa dilakukan, 82 struktur musnah dan 279 kediaman musnah.



'Carr Fire' memusnahkan kawasan hutan di Redding, California.



Banjir memusnahkan kediaman penduduk di Kozhikode, Kerala.



Aliran lava panas gunung berapi Kilauea memusnahkan harta benda penduduk.

# LAMPIRAN 11

NEW STRAITS TIMES (WORLD): MUKA SURAT 25

TARIKH: 16 OGOS 2018 (KHAMIS)

## SEEKING RE-ELECTION

# Modi announces space mission

**NEW DELHI:** India will launch its first manned space mission by 2022 and roll out a health insurance scheme from next month, Prime Minister Narendra Modi said yesterday in his last Independence Day speech ahead of next year's general election.

Modi, a powerful speaker who will seek re-election in the world's biggest democracy early next year, used the speech to broadcast his government's achievements, amid concerns about lack of jobs and rising violence against Muslims.

Wearing a flowing saffron turban, the Hindu nationalist leader also announced the plan to take the "Indian tricolour to space" in a manned mission that would

make India the fourth nation to launch one, after the United States, Russia and China.

"India is proud of our scientists, who are excelling in their research and are at the forefront of innovation," Modi said from the ramparts of the Mughal-era Red Fort here to a crowd numbering in the tens of thousands.

"In the year 2022, or, if possible, before, India will unfurl the tricolour in space."

Months after Modi's election in 2014, India became the first Asian nation to reach Mars when its first mission to the red planet entered orbit, at a cost of US\$74 million (RM303 million), or less than the budget of the Hollywood

space blockbuster *Gravity*.

Modi said his government would launch from Sept 25 a medical insurance scheme, dubbed "Modicare", to give 500 million poor people annual health cover of 500,000 rupees (RM29,000) to treat serious illness.

In his 80-minute speech, Modi said the pace of building highways, electrifying villages and building toilets had increased since his landslide 2014 election win that devastated the main opposition Congress party.

Congress, which ruled India for decades, is trying to unify the opposition to challenge Modi, whose ratings remain high despite recent election setbacks. **Reuters**



*Indian Prime Minister Narendra Modi inspecting a guard of honour at an Independence Day celebration in New Delhi yesterday. AFP PIC*

**LAMPIRAN 12**  
**MALAY MAIL (WORLD): MUKA SURAT 18**  
**TARIKH: 16 OGOS 2018 (KHAMIS)**

## China blasts US solar tariffs, takes WTO action

**BELJING** — China has blasted US tariffs on solar panel imports, filing a complaint at the World Trade Organisation (WTO) in the latest salvo of the trade battle between the world's two economic giants.

US President Donald Trump approved steep tariffs on solar panel imports in January to protect US producers, triggering an outcry from China, South Korea and even protests from the US solar industry.

China's commerce ministry accused Washington of erecting trade barriers while subsidising its domestic industry.

"While taking protectionist measures against imported photovoltaic products, the US provided subsidies to domestically produced photovoltaics and other renewable energy products," the ministry said in a statement.

China lodged its challenge at the WTO on Tuesday, the statement said.

The US subsidies have given an unfair advantage to domestic companies and "damaged the legitimate rights and interests of China's renewable energy companies," it said.

Beijing said the US measures are suspected of violating trade rules and that it would turn to the WTO's dispute resolution mechanism to protect its interests.

Trump's tariffs were not popular with the US solar industry, which claimed the rising cost of imports would cause the loss of thousands of jobs.

Imports of cheap Chinese panels helped triple US annual solar electricity generation between 2012 and 2016. But they also drove prices down by 60 per

cent, causing most US producers to stop production or declare bankruptcy, the US Trade Representative said in January.

The USTR accused China of using state incentives, subsidies and tariffs to increase production and said manufacturers had evaded US tariffs by repeatedly shifting production to new countries.

The US and China have slapped tit-for-tat tariffs on tens of billions of dollars worth of goods from each country, with another round of levies scheduled to begin next week. — AFP