

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 25 JUN 2015 (KHAMIS)

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Arahan kosongkan tingkat tiga sekolah

» *Tindakan bagi tujuan keselamatan di SMKA Mohamad Ali*

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Jabatan Pendidikan Sabah mengarahkan tingkat tiga bangunan Sekolah Menengah Kebangsaan Agama (SMKA) Mohamad Ali di Ranau dikosongkan bagi tujuan keselamatan, susulan kejadian siling runtuh di pusat sumbernya kelmarin.

Pengarahnya, Datuk Jame Alip, berkata pemeriksaan mendapati kerosakan dialami pusat sumber terbabit, sejurus gempa bumi pada magnitud 3.3 pada skala Richter yang berpusat di Ranau kelmarin, hanya membabitkan bahagian struktur utamanya.

"Namun, tindakan mengosongkan tingkat tiga tetap dilakukan atas faktor keselamatan. Selain SMKA Mohamad Ali, saya tidak menerima laporan kerosakan di sekolah lain yang disebabkan oleh gempa bumi," katanya ketika dihubungi BH, semalam.

Belajar seperti biasa

Jame berkata, sesi pembelajaran di sekolah itu berjalan seperti biasa, namun Pejabat

Pendidikan Daerah dan pihak sekolah diarah sentiasa memastikan pelajar dalam keadaan selamat.

Kelmarin, siling pusat sumber sekolah itu runtuh, lima minit selepas gegaran lemah bermagnitud 3.3 pada skala Richter pada jam 10.54 pagi, namun tiada kecederaan dilaporkan kerana kemudahan itu ditutup sejak 5 Jun lalu susulan kerosakan akibat gempa bumi.

Sementara itu, Ketua Balai Bomba dan Penyelamat Ranau, Jimmy Lagon, meminta penduduk sekitar Ranau sentiasa berwaspada dan bersedia menghadapi sebarang kemungkinan gempa bumi susulan di daerah itu.



Bangunan dinaik taraf

Di Kuala Lumpur, Menteri Kerja Raya, Datuk Seri Fadillah Yusof (**gambar**), berkata pihaknya sedang mengenal pasti bangunan berisiko tinggi sekiranya dilanda gempa bumi susulan yang akan dinaik taraf menggunakan teknologi galas getah seismik bagi meningkatkan daya tahannya terhadap gegaran.

"Teknologi ini digunakan dalam projek pembinaan Jambatan Kedua Pulau Pinang dan ia berupaya menyerap gegaran sehingga magnitud 8 pada skala Richter. Kementerian saya akan berbincang dengan Kementerian Sains, Teknologi dan Inovasi untuk menggunakan teknologi sama terhadap bangunan berisiko tinggi di Sabah," katanya.

Kit Perlindungan Lengkap Denggi diedar mulai Julai



Kuala Lumpur: Kit Perlindungan Lengkap Denggi akan diedarkan di Selangor, Kuala Lumpur dan Johor mulai Julai ini, boleh mengurangkan sehingga 30 peratus penularan wabak denggi di tiga negeri terbabit dalam enam bulan.

Pegawai Penyelidik EntoGenex Industries, Saiful Azlan Nordin, berkata kit itu bukan sekadar memiliki kelengkapan menghapuskan nyamuk aedes

dan jentik-jentik, malah memberi pendidikan kepada masyarakat mengenai cara mengawal pembiakan nyamuk.

Mengandungi 4 komponen

Katanya, kit itu mengandungi empat komponen iaitu 'Aedes Larvae Ovitrap' (ALOT), Mousticide iaitu ubat membunuh jentik-jentik (30 gram), losyen pelindung gigitan nyamuk (500 mililiter) serta bahan pendidikan pencegahan pembiakan nyamuk aedes kepada orang dewasa dan kanak-kanak.

"ALOT bertindak sebagai komponen utama dengan fungsinya memerangkap nyamuk betina dewasa bertelur di dalamnya, dan jentik-jentik yang terhasil akan dibunuh dengan Mousticide yang diletakkan bersama.

"Kit ini akan diberikan se-

banyak satu unit bagi setiap rumah dan tertumpu ke arah menghapuskan nyamuk di peringkat jentik-jentik, selain sebagai pelengkap kepada ini-

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Saiful Azlan Nordin,
Pegawai Penyelidik
EntoGenex Industries

siatif lain yang dilaksanakan kerajaan.

Program perintis

"Ini adalah program perintis di mana keberkesanannya akan dikaji dan diteliti dalam tempoh enam bulan sebelum memutuskan untuk meluaskan pasarannya ke negeri lain dan luar negara menerusi kaedah antara kerajaan dengan kerajaan (G2G)," katanya ketika dihubungi BH, semalam.

Kementerian Sains, Teknologi dan Inovasi (MOSTI) mengemukakan sebanyak 100,000 Kit Perlindungan Lengkap Denggi akan diedarkan di tiga negeri bulan depan di bawah program Komuniti Bebas Denggi.

Ia adalah antara usaha terbaru kerajaan bagi menangani penularan wabak denggi yang berterusan meningkat setiap tahun sehingga mencapai ke tahap membimbangkan.

Saiful Azlan berkata, semua komponen di dalam kit ini adalah hasil produk tempatan, khususnya Mousticide dan losyen dibangunkan oleh Universiti Kebangsaan Malaysia (UKM) hasil dana pembangunan diberikan MOSTI.

KERATAN AKHBAR
THE STAR (HIGHER EDU) : MUKA SURAT 16
TARIKH : 25 JUN 2015 (KHAMIS)

Technologist makes history

ADZ Jamros Jamali made Universiti Teknologi Petronas (UTP) proud when he walked away with the National Technologist Award 2015 early this month.

His achievement is a double triumph as not only did he win, he was also the first-ever technologist to clinch this award for UTP.

The National Technologist Award is an annual award given by the Science, Technology and Innovation Ministry to recognise the achievements of technologists and laboratory assistants in science and technology research work. Carrying a certification and a RM10,000 prize, its goal is to encourage creativity and

excellence towards the advancement of science and technology in Malaysia.

Adz received commendation for his work in his creation of a lightweight and compact antenna, known as the Cylindrical Dielectric Resonator Antenna Array 802.11a WiFi Application. With a high performance capacity, easier application and portability features, it is ideal for contemporary communication devices.

This design, small and compact as it is, is better in performance in terms of gain, low loss and bandwidth comparable to the commercialised ones that are used today. With these

This was something that required advance knowledge in the field of antennas, RF and microwaves, and for this research, as with any other research, it called for concentrated and dedicated work.

— Adz Jamros Jamali

characteristics, it has a wide coverage capacity of up to 3.8km and a higher data capacity for WLAN use. Other attractive and beneficial features are its low production cost and radiation pattern which is configurable via its design.

As far as innovation and design goes, new breakthroughs especially for the ICT industry, are always welcome and valued. The newly designed antenna has considerable potential to play a significant role in modern consumer communications. With its handy size of just 30mm x 40mm, it has the potential to take the market by storm.

Although not quite ready for commercialisation just yet, there are already parties who are interested to take this new invention further.

Adz is a staff member of UTP Laboratory Facilities Services Department and has been serving the university's Department of Electrical and Electronics Engineering for the past 10 years.

As a technologist, his primary role is to assist and consult any research and project related to radio frequency (RF) and microwave fields. He is also actively involved with research works in electrical vehicles.

Two years worth of hard work and intensive research went into the making of the Cylindrical Dielectric Resonator Antenna Array.

"This was something that required advance knowledge in the field of antennas, RF and microwaves, and for this research, as with any other research, it called for concentrated and dedicated work," Adz said.

For this particular research

work, Adz was primarily in charge of experiments setup, measurements, data collection and analysis, and also collaboration with the researcher and research scientists involved to enhance the prototype.

Graciously sharing the credit, Adz acknowledges that the research and laboratory facilities in UTP played a major role in his work.

The research environment and the culture of innovation and creativity in the institution is very much geared toward new findings and breakthrough inventions.

He added that this research was a team effort, and credited the academic staff and his colleagues at UTP for their assistance. They are Associate Professor Ir Dr Zuhairi Baharudin, Associate Professor Dr Mohd Haris Md Khir, Mohd Azman Zakariya, Noor Azwan Ahmad and Mohd Hasrul Firdaus Rostam.

"The management has also been very encouraging and supportive and it would not have been possible without all these supporting factors and features," Adz said.

Adz is committed in his pursuit of further knowledge, not only to develop himself and advance his career, but to also contribute towards the development and improvement of products for society. He is also committed towards contributing to UTP's goal to become an internationally recognised research university.

His next goal?

"Perhaps the National Young Scientist Award," he said.

■ Look out for the advertisement in this *StarSpecial*.

KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI) : MUKA SURAT 20
TARIKH : 25 JUN 2015 (KHAMIS)

Negara tidak akan alami suhu panas 40 darjah Celsius

KUALA LUMPUR 24 Jun - Jabatan Meteorologi meramalkan negara tidak akan mengalami peningkatan suhu panas sehingga mencecah 40 darjah Celsius seperti yang melanda Pakistan ketika ini.

Menurut Pegawai Pusat Cuaca Nasional Jabatan Meteorologi Malaysia, Azlai Taat, suhu panas yang diramalkan sepanjang bulan Ramadan ini adalah sekitar 33 hingga 36 darjah Celsius dengan hujan di beberapa tempat.

"Kita sedang berada di awal musim Monsun Barat Daya dan tidak akan mengalami gelombang panas seperti di Pakistan berikutan keadaan musim yang berbeza serta kekerapan tiupan angin melalui lautan yang mengelilingi negara.

"Walaupun cuaca panas dan kering tanpa hujan sehingga satu ke dua minggu bakal melanda negara sekitar pertengahan

Julai hingga Ogos, suhu maksimum yang dijangkakan adalah sekitar 36 darjah Celsius," katanya ketika dihubungi di sini hari ini.

Pakistan sedang berdepan fenomena gelombang panas sejak Sabtu lalu sehingga mengorbankan lebih 445 nyawa.

Dalam pada itu, Azlai berkata, amaran angin kencang kategori pertama dengan angin kencang Barat Daya dan laut bergelora di kawasan perairan Phuket dan Reef North dijangka berterusan sehingga Ahad ini.

"Angin kencang diramal berlaku dengan kelajuan 40-50 kilometer sejam dan ombak mencapai ketinggian sehingga 3.5 meter.

"Keadaan angin kencang dan laut bergelora ini adalah berbahaya kepada bot-bot kecil, rekreasi laut dan sukan laut," katanya.

Dry spell in Sabah and Sarawak

559 hotspots detected in two states

By YU JI
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KUCHING: Sabah and Sarawak have recorded the third highest cumulative hotspot counts this year compared to the same period annually since 2006.

A total of 559 hotspots have been detected in Sabah and Sarawak, although last year, which was the highest, the cumulative count was at about 800 hotspots.

Since the weekend, a slight haze has returned to Sarawak, and the Malaysian Meteorological Department is predicting drier weather ahead.

In its long-range outlook, Sarawak's south and central regions could receive between 20% and 40% fewer rainfall at just 120mm to 170mm this month, while areas such as Sarikei, a semi-rural town in the state where clear blue skies are the norm, have started recording air quality index (AQI) readings of around 60 since Sunday.

In Kuching, the horizontal visibility was reduced briefly to 6km on Monday.

"Drier weather conditions are expected

over Kuching, Samarahan, Sri Aman, Betong, Mukah, Sarikei, Sibul, Kapit and Bintulu divisions," said the department's seasonal prediction for June to November.

Over in Sabah, Sandakan and Kudat could experience similar dry weather, the report said.

"Based on a combination of information, most of the models show that weather activities are concentrated in the Central Pacific. This condition is consistent with the presence of weak El Nino in the Tropical Pacific belt," it added.

Meanwhile, according to the Fine Fuel Moisture Code, which indicates the relative ease of ignition and flammability of fine fuels, about half of Sarawak and most of Sabah were at the highest "extreme" reading on Tuesday.

Meanwhile, Sarawak Energy Bhd, the state's electricity company, said consumption increased tremendously by about 90MW every hot season, and the power was enough to light up nine middle-sized towns.

Peak hours are between 3pm and 5pm when the heat causes consumers to set air-conditioners at full blast.



Blue skies at risk: A slight haze (background) can be seen over the sky in Kuching over the weekend. Horizontal visibility in the city was reduced briefly to 6km on Monday.

BERITA ONLINE
BERNAMA.COM
TARIKH: 25 JUN 2015 (KHAMIS)



Amaran Angin Kencang Dan Laut Bergelora

KUALA LUMPUR, 24 Jun (Bernama) -- Amaran angin kencang kategori pertama telah dikeluarkan dengan angin kencang Barat Daya dan laut bergelora yang berlaku di kawasan perairan Phuket dan Reef North dijangka berterusan sehingga Ahad ini, 28 Jun.

Kenyataan [Jabatan Meteorologi Malaysia](#) hari ini menyebut angin kencang diramal berlaku dengan kelajuan 40-50 kmsj dan ombak mencapai ketinggian sehingga 3.5 meter (11 kaki).

Keadaan ini berbahaya kepada bot-bot kecil, rekreasi laut dan sukan laut, menurut kenyataan itu.

-- BERNAMA