

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 20 SEPTEMBER 2016 (SELASA)

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KERATAN AKHBAR
THE STAR (NATION) : MUKA SURAT 8
TARIKH : 20 SEPTEMBER 2016 (SELASA)

Storms not due to La Nina

Minister: It's usual to experience bad weather at this time of year

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PETALING JAYA: Severe weather experienced in parts of peninsula Malaysia over the last few days are not related to the La Nina phenomenon, said Science, Technology and Innovation Minister Datuk Seri Madius Tangau.

The storms were caused by moderate northwesterly winds coming from the Bay of Bengal which is usual for this time of year.

"Such wind conditions had caused heavy rain and thunderstorms to occur over the west coast states in the morning while in the afternoon and at night at the east coast states," said Madius.

He also added that the weather condition was expected to last until this weekend.

On Sunday, the Malaysia Airlines' (MAS) flight MH1286 turned back to KL International Airport (KLIA) due to adverse weather at Sultan Haji Ahmad Shah Airport in Kuantan.

"Poor visibility and gusty winds caused the pilot to abort the landing."

"The flight was then re-timed and departed Kuala Lumpur at 1.40am before arriving in Kuantan at 2.30am," said a MAS spokesman yesterday.

Earlier the same day, residents living in high-rises on Penang island had reported extraordinary strong wind and rain which caused build-

Such wind conditions had caused heavy rain and thunderstorms to occur over the west coast states.

Datuk Seri Madius Tangau

ings to "move".

Villagers in Johor and Terengganu had also reported freak storms with strong gusts, which damaged their homes.

Klang Valley residents faced slow traffic on their morning commutes, particularly on the Damansara-Puchong Expressway due to rain yesterday.

Previously, the US National Oceanic and Atmospheric Administration had reported that a 60% chance that El Nino "sibling" La Nina - which in Malaysia causes heavier than normal rainfall - would happen sometime from October to December.

El Nino, which means "the boy" in Spanish, is an irregular weather phenomenon that causes sea temperatures in the equatorial Pacific Ocean to rise while La Nina, "the girl" in Spanish, leads to a cooling of seawater.

KERATAN AKHBAR
THE STAR (POSTGRADUATE) : MUKA SURAT 6
TARIKH : 20 SEPTEMBER 2016 (SELASA)



The Innovation and Collaboration Day is part of Monash Malaysia's engagement strategy that aims to work with the community.

Cultivating collaboration

INDUSTRY engagement, innovative research, entrepreneurship and employment opportunities were some of the core themes surrounding Engage Monash 2016, a platform for students and staff to showcase their capabilities as well as engage with the industry and community.

An Engage Monash feature event was the inaugural Innovation and Collaboration Day, which showcased a display of the university's research strengths.

"The Innovation and Collaboration Day is part of Monash Malaysia's wider engagement strategy, which aims to work with the community, identify potential partnerships, and explore ways to work together to solve key issues and problems," shared Monash University Malaysia's president and pro-vice-chancellor Prof Helen Bartlett.

"While Monash Malaysia currently has approximately 1,000 different industry engagements, we are keen to deepen many of these relationships as well as forge new partnerships for greater strategic and long-term impact," she continued.

In the last 17 years, Monash Malaysia researchers have made breakthroughs and discoveries in various fields. Open to the public, the event featured 19 inventions and 44 research projects by academics and students.

The event was host to the Science, Technology and Innovation Minister Datuk Seri Panglima Madius Tangau and Monash University Malaysia's chairman of the board Tan Sri Datuk Seri Dr Jeffrey Cheah, AO.

The Minister spoke to students on Uncovering the Hidden Gems of Entrepreneurship Opportunities in Innovation and STEM (science, technology, engineering and mathematics). Notable projects on display included four projects, which have been submitted for patenting.

The first invention was a UV LED (light-emitting diode) mask aligner system by Dr Narayanan Ramakrishnan and PhD (Doctor of Philosophy) student Lee Nearn Heng from the School of Engineering.

A mask aligner is generally used for carrying lithography processes and the investment in these types of set ups can be expensive.

In Malaysia, the integrated circuit (IC) fabrication industries, research and development institutions, government research centres and universities import these machines for RM400,000 to RM500,000 for a basic bench-top system.

With this invention of a UV LED lithography mask aligner system, production cost can be reduced to between RM15,000 and RM20,000, with operational functions equivalent to the state-of-the-art bench-top mask aligner system.

The second creation was the world's first pH-sensitive inorganic nanocrystals by Assoc Prof Md Ezharul Hoque Chowdhury from the Jeffrey Cheah School of Medicine and Health Sciences.

To serve as a super-efficient drug transporter, this product is designed based on pH-sensitive and biodegradable inorganic nanoparticles that have properties of electrostatic binding to DNA (deoxyribonucleic acid), siRNA (small interfering ribonucleic acid), proteins and small molecule drugs.

It can deliver a capacity across the blood stream and cell membrane efficiently to exert a therapeutic effect.

The third invention was an aquatic animal growth enhancement by Prof Ishwar Parhar, Dr Satoshi Ogawa and Dr Shogo Moriya of the Brain Research Institute Monash Sunway (BRIMS).

Aquaculture is one of the solutions for meeting the global demand for food. Growth-rate enhancement is the key approach in aquaculture.

This project develops a new method for the growth enhancement of aquatic animals with a combination of two proteins – kisspeptin and ghrelin.

The last project was engaging next generation medical students in active learning through an ecosystem of multi-touch tabletop computers in an innovative smart lab by Assoc Prof Dr Arkendu Sen and Assoc Prof Dr Lakshmi Selvaratnam of the Jeffrey Cheah School of Medicine and Health Sciences.

Practical teaching of foundational medical science within a medical curriculum with escalating student enrolments and a shortage of medical teachers prompted Assoc Prof Dr Sen and Assoc Prof Dr Lakshmi to design and develop a hi-tech collaborative learning ecosystem of lecturer and student multi-touch tabletop computers.

The Engage Monash 2016 included the Malaysia Telemedicine Conference 2016, Career and Internships Fair 2016 as well as the inaugural South East Asia Community Observatory (SEACO) Science Forum.

■ For more information, visit www.monash.edu.my.

KERATAN AKHBAR
HARIAN METRO (AGRO) : MUKA SURAT 6
TARIKH : 20 SEPTEMBER 2016 (SELASA)

Koperasi SMK Sungai Soi hasilkan sabun pembersih, pencerah muka berasaskan madu

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Kalau tidak dipecahkan ruyung, manakan dapat sagunya. Peribahasa ini sesuai menggambarkan kesungguhan Koperasi Sekolah Menengah Kebangsaan (SMK) Sungai Soi, Kuantan, menjayakan projek ternakan lebah kelulut sehingga mampu mencipta produk berasaskan madu.

Penghasilan produk sabun pembersih dan pencerah muka serta rawatan kulit jenama D'Soi Honey menggunakan campuran madu kelulut yang dipasarkan sejak Mac lalu mendapat sambutan menggalakkan daripada warga sekolah dan masyarakat setempat.

Bertambah manis apabila produk yang dihasilkan menerusi Projek Agro Ekonomi menerusi koperasi sekolah itu menduduki tempat ketiga pada Konvensyen Pembudayaan Keusahawanan Koperasi Sekolah (KPKKS) Peringkat Negeri Pahang sempena Hari Koperasi Negara 2016 pada awal Ogos lalu di Raub.

Pengarah Urusan D'Soi Beauty Enterprise Nor Syairah Hanafi, 15, berkata walaupun sekadar tempat ketiga, ia tetap kejayaan membanggakan.

"Kemenangan ini menjadi dorongan dan pembakar semangat kepada kami untuk terus melakukan penambahbaikan terhadap produk dihasilkan.

"Sehingga kini, sabun buatan tangan D'Soi Honey sudah terjual hampir 600 ketul sejak Mac lalu,"

BELA KELULUT DI SEKOLAH



MESKIPUN hanya memenangi tempat ketiga, ia tetap kebanggaan bagi pelajar SMK Sungai Soi.

katanya ketika ditemui di Galeri Agro Ekonomi sekolah berkenaan.

Galeri yang menempatkan pelbagai info berkaitan projek ternakan kelulut itu turut menyediakan maklumat mengenai projek tanaman cendawan tiram kelabu dan fertigasi serta dijadikan lokasi perbincangan dan mesyuarat untuk projek yang dilaksanakan di taman agro ekonomi.

Sementara itu, Guru Penyelaras Projek Roselina Mohd Suan berkata,



ROSELINA

sebanyak 40 koloni lebah kelulut ditenak di Taman Agro Ekonomi yang dibangunkan dan diuruskan sepenuhnya oleh koperasi sekolah bermula September tahun lalu.

"Kerjasama guru dan pelajar membolehkan projek itu berjalan lancar dan waktu 'menuai' madu sentiasa dinanti-nantikan kerana itu bermakna mereka akan mula membuat sabun.

"Cuti hujung minggu digunakan untuk membuat sabun dan semua proses dilakukan di sekolah," katanya.

Roselina berkata, taman itu dipenuhi pelbagai jenis spesies bunga-bunga dan tumbuhan hiasan yang dijadikan 'pusat makanan' lebah kelulut.

"Antara pokok bunga yang menghiasi taman itu ialah bunga kertas, roselle, ros Jepun, kemunting Cina, orkid, puding,

lavender, ceri, kemunting, senduduk dan pinang merah.

"Koperasi SMK Sungai Soi turut terpilih menyertai Pameran Perdagangan Koperasi ASEAN, Persidangan dan Padanan Perniagaan (ACOTEX) 2016 di Jakarta pada 1 hingga 4 Ogos lalu berikutan kejayaan melakukan inovasi produk daripada madu lebah kelulut.

"Saya berterima kasih kepada Angkatan Koperasi Kebangsaan Malaysia Berhad (ANGKASA) yang memilih koperasi sekolah ini sebagai wakil koperasi sekolah seluruh negara selepas melihat prestasi produk dihasilkan," katanya.

Menurutnya, ramai yang bertanya mengenai kegunaan dan keberkesanan sabun madu kelulut dan dia optimis produk ini boleh pergi 'lebih jauh' berdasarkan sambutan diberikan sepanjang pameran berlangsung.

"Beberapa hotel yang bernaung di bawah pertubuhan koperasi turut memintanya menghantar sampel sabun untuk kegunaan tetamu.

"Apabila mereka bersetuju kita akan kilangkan terus sabun ini dalam skala lebih besar," katanya.

Menurutnya, projek ternakan kelulut itu sentiasa menerima kunjungan pelbagai agensi dan jabatan kerajaan termasuk Suruhanjaya Koperasi Malaysia (SKM), ANGKASA, Sirim Berhad, MARDI, Jabatan Pertanian dan Jabatan Pendidikan untuk melihat sendiri projek itu dilaksanakan.

"Sebagai perancangan masa depan, pihak koperasi merancang melaksanakan projek tanaman fertigasi buah rock melon dan menubuhkan kedai koperasi yang menjual pelbagai jenis barangan keperluan pelajar dan barangan runcit bagi menambah pendapatan koperasi," katanya.



PELAJAR menikmati keenakan madu asli.



ANTARA langkah menghasilkan sabun madu kelulut.



SABUN dihasilkan mempunyai banyak kelebihannya.

Paras air pasang lepas ketinggian ban

➔ Punca
akibatkan banjir
kilat sekitar
Selangor

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► Shah Alam

Paras air pasang yang melepasi ban yang dibina di beberapa kawasan pesisir pantai di Selangor mengakibatkan banjir kilat di kebanyakan tempat di negeri ini.

EXCO Infrastruktur dan Kemudahan Awam, Pemodenan Pertanian dan Industri Asas Tani Selangor, Zaidy Abdul Talib, berkata ban dibina di pesisir pantai Selangor mampu menahan air sehingga paras 5.5 meter, namun air pasang malam kelmarin mencapai 5.6 meter.

"Memang peningkatan paras air laut semalam (kelmarin) sangat tinggi. Apa yang merisaukan ialah jika berlaku lagi hujan lebat.

"Bagaimanapun, Jabatan Meteorologi meramalkan hujan lebat tidak berlaku," katanya ketika dihubungi, semalam.

Zaidy berkata, antara kawasan

ban rosak akibat limpahan air pasang besar adalah di Kampung Sungai Serdang dan Pandamaran di Klang; Pantai Remis dan Kampung Sungai Sembilang di Kuala Selangor serta di Kampung Tok Muda di Kapar.

Katanya, kerja membaiki ban yang rosak sudah dimulakan Jabatan Pengairan dan Saliran (JPS).

Lebih teruk

Ditanya sama ada banjir kilat akibat fenomena air pasang besar lebih teruk berbanding banjir besar pada 2006 menjejaskan lebih 4,000 rumah di Shah Alam, Zaidy berkata beliau perlu mengesahkan dengan pihak berkaitan terlebih dahulu.

"Saya dimaklumkan fenomena air pasang besar kali terakhir berlaku 10 tahun lalu, namun sama ada ia lebih teruk atau sebaliknya, saya tidak dapat sahkan," katanya.

Sementara itu, Jawatankuasa Bencana Daerah Klang sudah bersedia menghadapi kemungkinan berlaku banjir kilat, terutama di Kampung Tok Muda, Sementa, Kapar.

Pengerusinya, Mohd Zainal Mohd Nor, berkata perbincangan sudah diadakan dengan Jabatan Bomba dan Penyelamat Malaysia (JBPM), Jabatan Kebajikan Masyarakat; Angkatan Pertahanan Awam (APM), Jabatan Pengairan dan Saliran (JPS) dan Pusat Kesihatan Daerah.

Untuk video
layari www.bharian.com.my



Pekerja Majlis Daerah Kuala Langat (MDKL), Mohd Shahrul Ismail, menunjukkan keadaan jalan tar yang turut musnah selepas dihakis arus deras berikutan fenomena air pasang besar, awal pagi semalam di Pantai Kelanang, Banting.



Kilang Cargill Palm Products Sdn Bhd, Jalan Kem, di Pelabuhan Klang dinaiki air.



Beberapa batang pokok yang tumbang selepas dibawa arus deras.