KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 11 SEPTEMBER 2015 (JUMAAT)

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KERATAN AKHBAR
UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 6
TARIKH : 11 SEPTEMBER 2015 (JUMAAT)

Jabatan Meteorologi jangka tiada banjir besar

KUALA KRAI 10 Sept. - Jabatan Meteorologi menjangkakan tidak berlaku banjir besar di negeri ini seperti tahun lepas berdasarkan jangkaan taburan hujan berada dalam keadaan purata iaitu 600 hingga 700 milimeter sebulan pada musim tengkujuh ini.

Timbalan Ketua Pengarahnya, Alui Bahari berkata, jangkaan tersebut dibuat berdasarkan beberapa faktor meteorologi lain yang berlaku termasuk fenomena El Nino yang akan memberi kesan kepada taburan hujan.

Menurut beliau, sekiranya taburan hujan berada dalam keadaan purata 600 hingga 700 milimeter seperti yang dijangka, banjir akan berlaku seperti biasa.

"Kita menjangkakan taburan hujan tidak akan melebihi purata 600 hingga 700 milimeter sebulan pada bulan November dan Disember ini kerana lazimnya apabila El Nino berlaku, jumlah curahan hujan di pantai timur akan berkurangan.

"Untuk tahun ini, kita jangka El Nino ke arah pertengahan, jadi dari segi kajiannya, kita jangka keadaan ini memberi impak kepada jumlah hujan dan lazimnya begitu," katanya.

Beliau berkata demikian kepada pemberita selepas merasmikan Kempen Kesedaran Awam Mengenai Cuaca Ekstrim dan Banjir di Sekolah Menengah Kebangsaan (SMK) Bandar, di sini hari ini.

Yang turut hadir Pengarah Jabatan Meteorologi negeri, Maqrun Fadzli Mohd. Fahmi dan Ketua Jajahan Kuala Krai, Tengku Azmi Tengku Jaafar.

Dalam kempen tersebut, beberapa agensi seperti Jabatan Bomba dan Penyelamat, Jabatan Pengaliran dan Saliran (JPS), Majlis Keselamatan Negara (MKN) dan Jabatan Kebajikan Masyarakat (JKM) turut sama mengadakan ceramah serta pameran masing-masing.

Alui berkata, jabatannya akan menambah 60 lagi Stesen Cuaca Automatik (AWS) dan lima lagi radar 'doppler' dalam usaha meningkatkan keupayaan sistem pencerapan cuaca ekstrim di Malaysia.

"Daripada jumlah tersebut, lima Stesen AWS akan ditambah di Kelantan iaitu di Bachok, Gua Musang, Dabong, Lojing dan Kota Bharu. Stesen-stesen AWS ini dijangka beroperasi sepenuhnya pada penghujung tahun ini," katanya.

Sementara itu, menyentuh mengenai jerebu, beliau berkata, keadaan jerebu akan bertambah baik apabila taburan hujan bertambah sehingga Oktober ini.

KERATAN AKHBAR
THE STAR (NATION) : MUKA SURAT 08
TARIKH: 11 SEPTEMBER 2015 (JUMAAT)

Bad visibility: Planes and helicopters grounded at Kuching International Airport.

Haze worsens in Sarawak and Sabah

By YU JI
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KUCHING: The haze in Sarawak could get worse, Natural Resources and Environment Minister Datuk Seri Dr Wan Junaidi Tuanku Jaafar said.

His warning came as schools were ordered to halt outdoor activities and hospitals reported a rise in cases of respiratory illnesses.

"If the wind direction does not change in the next 48 hours, then the present unhealthy level in Kuching will reach Sarikei and Sibu in central Sarawak," Junaidi said.

In the afternoon, three areas in southern Sarawak recorded the highest air pollutant index (API) readings in the whole country for this year.

At 2pm, the API was 150 in Kuching, in Samarahan it was 174 and in Sri Aman it was 155.

The API was 100 in Sarikei and 91 in Sibu. Up north, it was 64 in Miri.

No hotspots were detected in Sarawak and Sabah. Most of the haze is from across the border.

Dr Wan Junaidi said "four-fifths" of the Indonesian portion of Borneo was "under a cloud of smoke".

The haze is so thick that at least two satellites have been unable to detect hotspots.

"The satellites did not get a clear picture perhaps because of the thick haze. We could not discern the number (of hotspots). There's nothing much we can do if the wind doesn't change. This cloud of smoke will keep coming," he said.

In one of the last complete passes by the satellite AQUA on Sept 8, it detected a staggering 951 hotspots in Borneo.

Yesterday, the API in Pontianak, the closest Indonesian city to Kuching, was reportedly above 500.

Sarawak Assistant Public Health Minister Datuk Dr Jerip Susil said there had been a marked increase in respiratory illness cases in hospitals and clinics in the state.

"All the hospitals are seeing more asthma patients. In clinics, we are seeing more cases of flu-like symptoms, including runny nose, coughing and red eyes," Dr Jerip said.

An Education Department circular has been issued to all schools to stop sporting activities.

With visibility in the state capital as low as 400m in the morning, several flights at Kuching International Airport were rescheduled or diverted.

Meanwhile in Kota Kinabalu, the situation worsened overnight, with visibility in the city reduced by more than half and more districts enveloped by the smog.

State Meteorological Services Department director Abdul Malik Tussin said visibility in Kota Kinabalu dropped to 3.5km as at 2pm yesterday compared to 8km a day earlier.

Air Pollutant Index (As at 8pm, Sept 10) **X Unhealthy** **X Moderate**

Kuching **157** | Samarahan **162** | Sri Aman **154** | Labuan **71**

KERATAN AKHBAR
NEW STRAITS TIMES (PRIME NEWS): MUKA SURAT 21
TARIKH : 11 SEPTEMBER 2015 (JUMAAT)

*The Air Pollutant Index reading in **Kuching** hit 146 yesterday. Samarahan, Sri Aman, and Sarikei also recorded **unhealthy readings**.*

API readings in Sarawak worsen

UNHEALTHY: Flight operations disrupted due to low visibility

GOH PEI PEI AND ESTHER LANDAU
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THE haze has worsened in Sarawak with four areas recording unhealthy Air Pollutant Index (API) readings yesterday, causing bad visibility and disrupting flights at the airport here.

As of 5pm yesterday, Samarahan recorded the highest API at 167, followed by 154 in Sri Aman, 146 in Kuching and 104 in Sarikei.

On Wednesday, the API for Samarahan was an unhealthy 103, while Sri Aman, Kuching and Sarikei showed moderate readings of 99, 92 and 82 respectively.

In a tweet yesterday, Prime Minister Datuk Seri Najib Razak said he took note of the situation and would monitor the situation.

Checks by the *New Straits Times* found that the haze had disrupted flights, stranding about 100 passengers for about seven hours.

Kuching International Airport (KIA) senior manager Mohd Nadzim Hashim said poor visibility had disrupted landings, causing a backlog of planes on the runway.

"The problem with the haze is that arriving flights cannot land during low visibility, which contributes to take-off delays," he said.

Ground visibility at KIA was between 800m and 1,000m yesterday morning. Visibility improved to 2,000m at 1pm.

"It's possible for aircraft to land with a visibility of 2,000m, but the pilot will have the final say on whether to land or divert the flight," Nadzim said.

As of 2pm, nine flights were delayed and diverted, while two fights from Kuching to Pontianak and Singapore were cancelled.

The haze also disrupted operations at Miri Airport, said a MASwings spokesman.

"We cancelled six flights today. We are monitoring the situation and will take action as needed," said the spokesman.

The Malaysian Meteorological Department Central Forecast Office senior meteorologist Dr Mohd Hisham Mohd Anip, said there would be a change in wind direction on Sept 20, which would help ease the smog.

"Currently, the wind is carrying smoke from Sumatra and Kalimantan into the country. And not much rain can be expected during this southwest monsoon season.

"However, the condition is expected to improve during the intermonsoon season, where there would be more widespread rain, unlike the isolated rain and drier weather we are experiencing currently," he told NST yesterday.

The department yesterday issued a warning for Malaysian waters, citing low visibility below 5km in waters off Kedah, Penang, Perak, Selangor, Negri Sembilan, Malacca, Johor, Pahang and Sarawak (Kuching and Rejang).

It said the condition was expected to continue until today, making it dangerous for ships not equipped with navigational instruments.

Malaysian Employers' Federation executive director Datuk Shamsuddin Bardan said companies should be encouraged to provide masks for employees in hazy areas.

"Employees must use masks to protect their health. They must also reduce outdoor activities and follow the management's and authorities' instructions.

"Those working in plantations in Sarawak, for instance, should be provided with the N95 masks for outdoor work."

Malaysian Medical Association president Dr Ashok Zachariah Philip said the haze was likely to worsen respiratory symptoms for people with asthma and chronic obstructive pulmonary disease. He advised the public to see a doctor if symptoms worsen.

"It is advisable for people to drink plenty of fluids so there is adequate mucus production in the lungs. This will trap any particles and clear them from the lungs.

"Masks, generally, won't help unless you use the N95 type, and these are uncomfortable for daily use. Inside air, after some time, becomes as bad as outside air, but using an air filter and air-conditioners with clean filters may help a little." **Additional reporting by Tharanya Arumugam**

BERITA ONLINE
BERNAMA.COM
TARIKH: 11 SEPTEMBER 2015 (JUMAAT)

BERNAMA.COM
MALAYSIAN NATIONAL NEWS AGENCY
BERNAMA

Laporan Kaji Selidik Pendapat Umum Mengenai Tenaga Nuklear Siap Akhir Tahun

KUALA LUMPUR, 10 Sept (Bernama) -- Perbadanan Tenaga Nuklear Malaysia (MNPC) akan memuktamadkan kaji selidik pendapat umum mengenai nuklear sebagai sumber tenaga dan menyiapkan laporan tersebut pada akhir tahun.

Pengarah Program Pembangunan Tenaga Nuklear MNPC Jamal Khaer Ibrahim berkata kaji selidik itu mendapati lebih 70 peratus daripada 2,400 respondennya tidak pasti mengenai daya maju sumber baharu itu.

"Kami akan memulakan pelaksanaan komunikasi awam dan menjalankannya secara berterusan," katanya kepada pemberita di luar Seminar Rantaian Bekalan Nuklear 2015 di sini hari ini.

Terdahulu, beliau membentangkan kertas kerja mengenai Program Transformasi Ekonomi dan keperluan untuk kepelbagaian sumber tenaga.

Kerajaan menubuhkan MNPC pada 2011 untuk menjalankan program tenaga nuklear, dengan pelaksanaan loji tenaga dua-gigawatt.

"Kami telah menandatangani perjanjian bukan pendedahan dengan sembilan buah syarikat asing bagi mendapatkan maklumat teknikal untuk mengakses teknologi," kata Jamal Khaer.

Beliau berkata MNPC belum mengenal pasti tapak untuk loji tenaga nuklear tersebut.

"Kami akan mengenal pasti tapak selepas penglibatan awam dilakukan dan kerajaan memberi kebenaran untuk pergi ke lapangan. Ia mungkin di sepanjang persisiran pantai disebabkan kami memerlukan sistem penyejukan," katanya.

Ketika ini, terdapat 435 reaktor tenaga nuklear beroperasi di 30 buah negara dan menjana 11 peratus daripada tenaga elektrik dunia.

Seminar dua hari itu merupakan anjuran bersama Lembaga Pembangunan Industri Pembinaan Malaysia dan **Agensi Nuklear Malaysia.**

-- BERNAMA

BERITA ONLINE
BERNAMA.COM
TARIKH: 11 SEPTEMBER 2015 (JUMAAT)

Arahan Keselamatan Bakal Dipinda Tangani Ketirisan Rahsia Kerajaan

KUALA LUMPUR, 10 Sept (Bernama) -- Arahan Keselamatan bagi jabatan kerajaan akan dipinda dalam usaha menangani masalah ketirisan maklumat rahsia kerajaan terutama dalam laman sosial.

Timbalan Ketua Pengarah Keselamatan Kerajaan Nik Azlan Abas berkata, pindaan kali ketiga itu berikutan keperluan semasa khususnya berkaitan keselamatan siber bagi mendidik penjawat awam supaya menjaga data-data dan maklumat sulit kerajaan daripada didedahkan kepada umum.

"Sejak kebelakangan ini terdapat kes-kes melibatkan ketirisan maklumat di jabatan dan agensi kerajaan, jadi inilah masanya untuk kita bertindak melihat semula Arahan Keselamatan untuk diselaraskan dengan kehendak semasa dan lihat mana perlu dibuat pindaan," katanya ketika ditemui pemberita di Institut Integriti Malaysia di sini Khamis.

Beliau berkata demikian ketika sesi perbincangan meja bulat bertajuk 'Strategi dan pendekatan bagi mempertingkatkan integriti kerahsiaan dan keselamatan dokumen milik kerajaan daripada sebarang kebocoran'.

Arahan Keselamatan yang menetapkan darjah-darjah keselamatan untuk dilaksanakan oleh semua jabatan kerajaan meliputi keselamatan perlindungan fizikal ke atas bangunan, keselamatan perlindungan dokumen dan peribadi dipinda kali terakhir pada 1985.

Nik Azlan berkata lebih 180 arahan akan dimuatkan dalam Arahan Keselamatan berkenaan berbanding 95 arahan pada masa ini dengan menekankan kepada bab lima dan enam yang meliputi keselamatan siber.

Beliau berkata Arahan Keselamatan itu juga dipinda ke bahasa yang lebih mudah untuk difahami penjawat awam.

Katanya cadangan pindaan itu telah dikemukakan kepada jabatan bertanggungjawab termasuk Majlis Keselamatan Negara, Kementerian Dalam Negeri, **CyberSecurity Malaysia** dan Jabatan Peguam Negara dan bakal dibawa kepada Kabinet pada Oktober atau November ini untuk kelulusan.

Dalam pada itu, beliau berkata sebanyak empat kes kebocoran maklumat direkodkan pada tahun ini setakat ini melibatkan satu kes di laman sosial dan tiga kes di laman sesawang dan blog.

Katanya pada 2014, terdapat 15 kes kebocoran maklumat iaitu lapan kes berlaku di laman sosial, tiga kes di laman sesawang dan blog serta empat kes melalui kenyataan media.

Katanya punca-punca kebocoran maklumat adalah melalui penjawat awam sendiri, badan bukan kerajaan, penyiasat massa, pengintip dan badan politik yang boleh menjejaskan sistem pertahanan, keselamatan, perdagangan, hubungan antarabangsa serta memberi impak negatif terhadap pengurusan kerajaan.

-- BERNAMA

KERATAN AKHBAR
SINAR HARIAN (BISNES) : MUKA SURAT 18
TARIKH: 11 SEPTEMBER 2015 (JUMAAT)

Penipuan dahului senarai insiden keselamatan siber

CYBERSECURITY Malaysia menerima sebanyak 6,800 laporan insiden keselamatan siber sehingga Julai lalu, dengan penipuan, pencerobohan, gangguan siber mendahului senarai.

Ketua Pegawai Eksekutifnya, Dr Amirudin Abdul Wahab, berkata sebanyak 2,000 insiden penipuan dilaporkan, diikuti pencerobohan (814 insiden) dan gangguan siber (270 insiden).

"Insiden keselamatan siber lain ialah laporan berkaitan kandungan, penghalang perkhidmatan, cubaan pencerobohan, kod berniat jahat, spam dan keterdedahan," katanya.

Amirudin berkata, pendedahan kepada risiko ancaman siber kini tinggi berikutan hampir semua sektor awam dan swasta bergantung kepada teknologi komunikasi dan maklumat dalam perkhidmatan dan operasi perniagaan mereka.

Bagaimanapun katanya, CyberSecurity Malaysia tidak mempunyai data penuh mengenai kejadian yang berlaku di Malaysia kerana ia bukan wajib untuk membuat laporan dan individu atau organisasi yang terlibat akan menanganinya sendiri.

"(Sehubungan itu), kami menggesa orang ramai dan organisasi membuat laporan kerana kami memerlukannya untuk memahami dan mengetahuinya dengan lebih lanjut dalam usaha memberi bantuan yang lebih baik," katanya.

> **"Wujud keperluan masyarakat diberi pendidikan mengenai kesedaran budaya keselamatan yang asas dan tidak sewenang-wenang berkongsi maklumat sulit."**
> -.Amirudin

Amirudin berkata demikian pada Simposium Keselamatan Fortinet selama sehari dan bersempena dengan Anugerah, Persidangan dan Pameran - Keselamatan Siber Malaysia di Kuala Lumpur dari 6 hingga 10 September.

Beliau berkata, hubungan keselamatan siber yang paling lemah ialah masyarakat dan bukan teknologi.

"Justeru, wujud keperluan masyarakat diberi pendidikan mengenai kesedaran budaya keselamatan yang asas dan tidak sewenang-wenang berkongsi maklumat sulit mereka," katanya.

Mengenai perkembangan lain, Amirudin berkata, Malaysia menduduki tangga ketiga, berkongsi kedudukan dengan Oman dan Australia, dalam Indeks Keselamatan Siber Global 2014 yang dilaksanakan Kesatuan Telekomunikasi Antarabangsa Pertubuhan Bangsa-bangsa Bersatu dalam kalangan 193 buah negara. - *Bernama*

KERATAN AKHBAR
NEW STRAITS TIMES (PRIME NEWS): MUKA SURAT 13
TARIKH : 11 SEPTEMBER 2015 (JUMAAT)

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  Vice President I, Head Of Information Risk & Security Management, Sime Darby Holdings Berhad (752404-U)
- **Sanjay Bavisi**
  President, EC-Council Asia Sdn. Bhd (840977-X)

Cyber Security Company OTY
- **EC-Council Asia Sdn Bhd** (840977-X)
- **TecForte Sdn Bhd** (680593-P)

Cyber Security Organisation OTY
- **MIMOS Berhad** (336183-H)
- **ANGKASA (Angkatan Koperasi Kebangsaan Malaysia Berhad)**

Cyber Security Education & Training Provider OTY
- **Cyber Intelligence Sdn Bhd** (713256-T)
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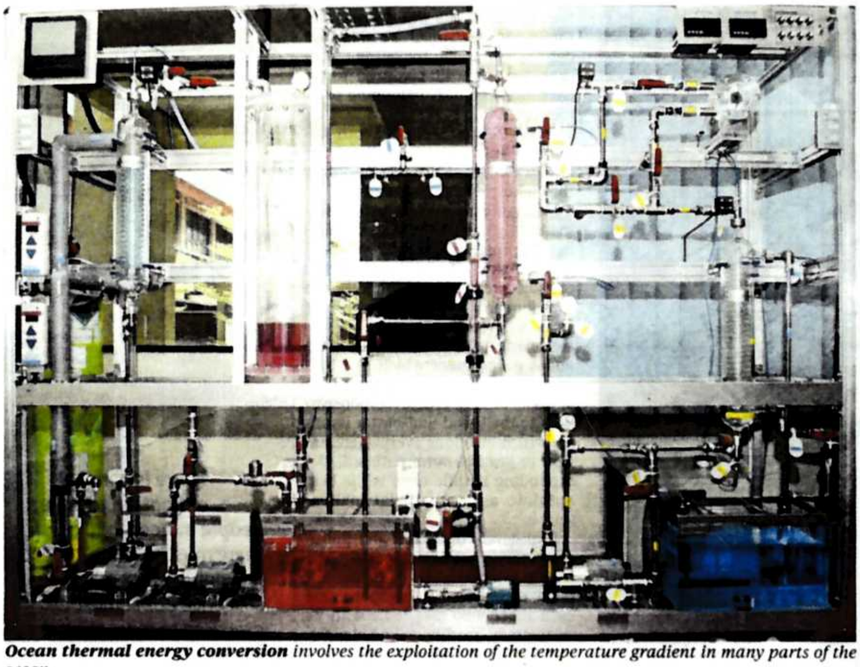
KERATAN AKHBAR
NEW STRAITS TIMES (COMMENT): MUKA SURAT 16
TARIKH : 11 SEPTEMBER 2015 (JUMAAT)

Devoting our 'energy' to Otec

GREEN SOURCE: Ocean thermal energy conversion may be the world's answer to sustainable energy



Ocean thermal energy conversion involves the exploitation of the temperature gradient in many parts of the ocean.

> **UTM** saw Otec as an opportunity for it to be among the world pioneers in this **emerging technology.**

DR AHMAD IBRAHIM

KUALA Lumpur recently hosted the third international symposium on ocean thermal energy conversion (Otec). Held at the Universiti Teknologi Malaysia campus, the event brought together Otec experts from around the world. Close to 200 people attended the two-day event. The findings spoke about the tremendous potential Otec offers.

What became clear was that Otec has garnered support around the world in academia and business.

My first encounter with Otec was a few years ago when I was introduced to it by an old colleague, Datuk Dr Abu Bakar Jaafar, known among fellows of the Academy as Datuk A.B.J. He has now established a name among Malaysian science enthusiasts as a crusader of science and innovation. If we are looking for a model technopreneur, then he counts as one of the few in the country who qualify.

He is not one to give up on anything he believes in. I remember a few years back, he was pushing hard to commercialise a solar drying technology for smoked banana, or "pisang salai". I was harassed into visiting his commercial operation in Malacca.

He had this dream to turn the venture into a big business for his home state.

And he was enthusiastic about the project and had thought about strategies to create the value chain for the product in Malacca.

Some people confided in me that he may have been a descendent of Hang Tuah or Hang Jebat, judging by his strong fighting spirit. It was unfortunate that the venture did not

→ *Continued* ***next page***

SAMBUNGAN...
NEW STRAITS TIMES (COMMENT): MUKA SURAT 17
TARIKH : 11 SEPTEMBER 2015 (JUMAAT)

Otec plus point is low carbon character

→ *From* ***Page 16***

make it as planned. Marketing was the biggest challenge he found.

And now, he is passionate about Otec.

He has been going around for the past few years trying to convince people that Malaysia should not miss out on this opportunity. Since Otec is new to Malaysians, he met many sceptics.

Many question its economics. Some doubt that it will ever attract the right support to get it moving.

But giving up is never in his vocabulary.

His persistence found the right buy in.

UTM saw Otec as an opportunity for it to be among the world pioneers in this emerging technology for renewable energy, which promises to be sustainable. We should be reminded of the fact that not all renewables are sustainable. Well, there is no doubt that Otec is.

What was revealed about Otec by experts at the symposium proved to be eye-opening. It is easy to understand why. What Otec offers will provide the answers we need in the search for sustainable energy. What better way to produce the energy that the world needs than to generate it from the most abundant resource in the planet, water.

Otec involves the exploitation of the temperature gradient in many parts of the ocean. The difference in temperatures is harnessed to drive power turbines to generate electricity. Experts say a temperature difference of around 20°C would do the trick. And Malaysia has such spots.

But that is not all. Through Otec, a major by-product is clean water. We know that water is also what the world desperately needs in view of the expected shortages in the coming years, no thanks to climate change.

An important plus point for Otec is its low carbon character.

In fact, Otec does not emit greenhouse gas. That is positive for climate change. The only other energy conversion that does not emit greenhouse gases is nuclear. But nuclear has yet to get rid of its toxic radioactive wastes. Otec does not produce any such hazard. Instead, we were told that Otec offers the most inexpensive route to produce hydrogen gas, the ultimate fuel that many have hailed as the energy of the future. Yes, Otec is the answer.

The writer is a fellow at the Academy of Sciences Malaysia and a UM adjunct professor