

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>Alarm over plastic usage</u>	The Sun Daily	Klik pada tajuk berita dan Rujuk Lampiran 1
2.	<u>Dalang tumpahan minyak dikenal pasti</u>	Harian Metro	Klik pada tajuk berita
3.	<u>100 pelajar, guru sertai Program Lestari Alam Sekitar di SK Putra</u>	Utusan Malaysia	Klik pada tajuk berita
4.	<u>Getting short shrift</u>	The Star	Rujuk lampiran 2
5.	<u>Save Our Planet: Heed The Environmental Solutions Offered By GEO-6</u>	New Straits Times	Rujuk lampiran 3

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
6.	<u>Climate change emergency – use solar panels now</u>	Malaysiakini.com	Klik pada tajuk berita
7.	<u>Wartakan Permatang Kuartza Genting Klang untuk lindungi alam sekitar</u>	Berita Harian Online	Klik pada tajuk berita
8.	<u>Terbaiklah, adik-adik! / Straw daun serai, kertas rangkul Anugerah Perak</u>	Harian Metro	Klik pada tajuk berita dan Rujuk lampiran 4
9.	<u>Imej satelit dedah pemilik kapal buang minyak</u>	Harian Metro	Rujuk Lampiran 5

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
10.	<u>Gempa 6.3 gegarkan Luzon petang ini</u>	Utusan Malaysia Online	Klik pada tajuk berita
11.	<u>Lapan maut gempa bumi landa Filipina</u>	Sinar Harian Online	Klik pada tajuk berita
12.	<u>Lima maut bangunan runtuh akibat gempa di Filipina</u>	Kosmo! Online	Klik pada tajuk berita
13.	<u>Lapan terbunuh, berpuluh lagi dikhuatiri terperangkap susulan gempa di Filipina</u>	Berita Harian Online	Klik pada tajuk berita
14.	<u>AirAsia batal beberapa penerbangan ke Clark, Filipina</u>	Sinar Harian Online	Klik pada tajuk berita
15.	<u>Gempa 6.3 magnitud gegar tengah Filipina</u>	Sinar Harian	Rujuk Lampiran 6
16.	<u>Gempa bumi landa Filipina, 5 maut</u>	Utusan Malaysia	Rujuk Lampiran 7
17.	<u>Lima maut dalam gempa bumi</u>	Harian Metro	Rujuk Lampiran 8
18.	<u>Pelajar Indonesia hargai 'Earth Day'</u>	Berita Harian	Rujuk Lampiran 9
19.	<u>5 maut gempa landa Filipina</u>	Berita Harian	Rujuk Lampiran 10

LAMPIRAN 1
THE SUN DAILY (SPEAK UP): MUKA SURAT 8
TARIKH: 23 APRIL 2019 (SELASA)

Alarm over plastic usage

EARTH Day is celebrated worldwide on April 22 every year to show support for protecting the environment, such as reducing carbon emissions and pollution, enhancing energy resource efficiency and preventing the loss of biodiversity and ecosystems. The theme for 2018 was "End Plastic Pollution".

Plastic pollution is a serious problem globally. It ranges from polluting the atmosphere and killing marine life to the alarming presence of plastic in our food. Eliminating plastic pollution requires worldwide cooperation to make sure that the escalating volume of plastic waste does not end up in the environment.

Unfortunately, Malaysia is among the top 10 worst countries for plastic waste pollution. Most of our plastic waste is dumped, a small portion burned and an even smaller fraction recycled.

Added to our own plastic problem is the recent increase of plastic waste imported from other countries like the United States, Britain, Australia and New Zealand, so much so that we are now known as "the dumping ground for plastic waste".

It was reported on *60 Minutes Australia* that more than 71,000 tonnes of such waste was shipped from Australia to Malaysia in just 12 months. This started when China, which had been importing and recycling much of the world's plastic waste for the last 20 years, started to ban such imports at the end of 2017, citing environmental concerns.

Since then, Malaysia has become the alternative destination for plastic waste. Clearly it is a lucrative business as many factories, legal and illegal, many using low-end technology and environmentally harmful methods of waste disposal, have been set up by businessmen in areas like Jenjarom, a

town in Kuala Langat, Selangor.

Greenpeace Malaysia reported that a lot of the waste to be recycled ended up being burned, releasing toxic dioxin, or was dumped in rivers contaminating soil and waterways. Plastic waste can degrade into microscopic particles which end up in our food.

In October 2018, Malaysia announced it was phasing out the import of plastic scraps. Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin said that she did not want Malaysia to be the "trash can" for developed nations. Environmental sustainability and peoples' health and wellbeing should not take a back seat to economic growth.

Yeo is pushing Malaysia towards becoming a zero single-use plastic country by 2030. This means that no plastic wares that will only be used once will be allowed. Such wares, including utensils, bottles, wrappers, and straws, are convenient, durable and cheap. But they are only used for a few minutes and can linger in the environment for hundreds of years. For example, plastic bottles and disposable diapers can last for 450 years.

While government actions to reduce or ban plastic scrap imports, or to implement policies towards zero single-use, are positive steps, local communities have to be involved as well. Yeo commented that the rate of recycling is still low among Malaysians.

There should be more campaigns to educate the public that waste separation at the source (for example, separating our garbage and recyclables in our homes before they are collected) and recycling are necessary if we do not want incinerators in our neighbourhoods and seriously want to contribute towards saving our planet. Since 2016, waste separation at the source has become mandatory. This is not a daunting task or



"Eliminating plastic pollution requires worldwide cooperation to ensure the plastic waste doesn't end up in the environment."



Greek university students gently place a wall-sized PVC frame on the beach before divers moor them at sea off the island of Lesbos on April 18. Holding in plastic bags and bottles, the four 5-by-5-metre frames are part of an experiment to determine if seaborn litter can be detected with EU satellites and drones. — AFPPIX

an impossible expectation.

We are not doing enough. A scientific study in 2017 estimated that humans have produced 8.3 billion metric tons of plastics to date. Of that total, 6.3 billion metric tons of plastic waste has been generated, with only about 9% of that waste recycled.

We can get used to life without plastic bags, plastic containers and other forms of plastic packaging if we really want to. In the old days, empty beverage tins were used to keep biscuits. Used kerosene tins were cut diagonally into halves and made into dustpans. Old bicycle wheels were used as toys by children. We don't have to go back in time, but we can still be resourceful and responsible in our actions.

As with so many other issues, the responsibility of preserving the environment is a joint effort of the government, local authorities, corporations and individuals. Knowing now that Malaysia plays such a prominent role in producing and dealing with plastic waste should motivate all of us to do our part. Each of us individually cannot do everything, but together we can reduce, reuse, recycle, refuse to move gradually towards a near-zero waste lifestyle.

Datuk Dr Goh Ban Lee is interested in urban governance, housing and urban planning. Comments: letters@thesundaily.com

LAMPIRAN 2
THE STAR (NEWS): MUKA SURAT 1
TARIKH: 23 APRIL 2019 (SELASA)

Getting short shrift

Transferring plastic waste to another country merely shifts responsibility for its disposal and this practice should be stopped. >2&3



Plastic hell: An unregulated dumpsite in Telok Panglima Garang in Kuala Langat, Selangor, which was uncovered during a research trip by Greenpeace Malaysia between October and November 2018. Seventy-nine percent of all plastic waste ends up in landfills. — Photo courtesy of Greenpeace Malaysia

LAMPIRAN 2 (SAMB.) THE STAR (NEWS): MUKA SURAT 2 TARIKH: 23 APRIL 2019 (SELASA)



TRAFFIC MATTERS

- There will be continuation of intermittent lane closures in stages along Jalan Kuala Selangor (near the Sungai Buloh KTM Station, both directions) until May 5, from 10pm to 5.30am. Each lane closure is for a stretch of 100m.
- There will be a continuation of intermittent lane closure along Jalan Kuala Selangor (Sungai Buloh-bound) until Sept 30 for a 800m stretch. The affected times are 10pm to 6am from Sundays to Fridays, and 10pm to 6am on Saturdays and public holidays. A contra flow will be provided during the full road closure.
- There will be full closure of the traffic light junction at Jalan Batu Kentonmen, Batu 4½, Jalan Ipoh (near Chai & Chai Trading Sdn Bhd) until May 31.
- There will be a continuation of a road closure at Jalan Putra Permai (Puchong-bound, heading towards Jalan PP33) until May 6, from 11pm to 5am. Motorists are advised to use the diverted route provided during the closure.
- There will be a continuation of road closure at Jalan Persiaran Pinggiran Putra until May 6, from 11pm to 5am. Affected roads include Jalan Putra Permai and Jalan Persiaran Lestari Perdana 1. For details, call the MRT hotline at 1800-82-6868.

BLOOD DONATION DRIVE

A blood donation drive will be held from 10am to 4pm today at Concourse, The Weld, Jalan Raja Chulan, Kuala Lumpur. Members of the public are encouraged to donate blood and save lives.

FREE TALK

A free talk on heart health will be held this Saturday from 4pm to 6pm at the Lifestyle Centre, 10, Jalan 5/35, Bukit Gasing, Petaling Jaya. Featured topics are on Preventing Heart Disease and Care for Heart Patients. To reserve a seat, call 03-7931 2273 or 010-368 2273.

TAI CHI CLASS

Huang Tai Chi is organising English-speaking tai chi classes for beginners. The one-hour classes are held every Tuesday and Thursday at SK La Salle, Jalan Gasing, Petaling Jaya, and every Monday and Wednesday at SK Seri Selangor, USJ 4, Subang Jaya. For details, call 016-318 4173 (Dr Wong) / 017-301 8013 (Peggy).

NATURE DATA COLLECTION

The Klang Valley City Nature Challenge (KVCNC) 2019 is happening from April 26 to 29. The KVCNC is a citizen science project to engage amateur scientists and nature enthusiasts to collect data and document the urban wildlife and plants. Members of the public can take photos of wildlife (any plant, animal, fungi or mould) with its location recorded and share their observations on www.inaturalist.org. For details, visit <https://bit.ly/2UwnjBE>.

DECLUTTER DAY

Bring your unwanted items on April 27 and 28, from 9am to 1pm, to The Boulevard MBPJ, Jalan Yong Shook Lin, Petaling Jaya.

CALL FOR ENTRY

The Japanese Embassy is calling for entries for the 13th Japan International Manga Award. In an effort to share Japanese pop culture and promote understanding of the country, this award was established in 2007 to honour non-Japanese cartoonists for their contribution to the promotion of Manga culture outside Japan. Application deadline is June 7. For details, visit www.miy-emb-japan.go.jp.



An unregulated dumpsite in Pulau Indah in Port Klang, Selangor. — Photo courtesy of Greenpeace Malaysia

Fixing a broken system

Only 9% of all plastic waste globally is recycled, with the rest mostly ending up in landfills. This has to change

By SHEILA SRI PRIYA

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TAKE responsibility for your own waste – that is the message Greenpeace Malaysia has for developed nations that have been dumping their plastic waste on Malaysia and other third world countries.

Campaigner for the local arm of the global independent environmental protection group, Heng Kiah Chun, said it is time for nations, corporations and the public to be responsible and deal with unregulated plastic waste in their own countries in an ethical manner.

Transferring waste to another country for disposal purposes and the use of plastic packaging waste from single-use fast-moving consumer goods (FMCG) has to reduce drastically, said Heng.

He addressed this issue at the 'Sampah Menyampah' environment talk held at The School, Jaya One in Petaling Jaya.

"Malaysia and any other country should not be used as a dumping ground."

"Developed countries should stop shifting their responsibility to other countries over their own plastic waste problem."

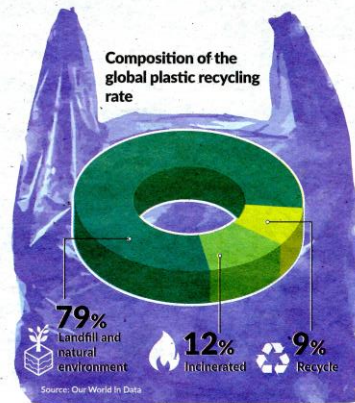
"Every country must have policies to reduce single-use plastics which could nip the problem at its source," said Heng.

He pointed out globally, only 9% of plastic waste ever produced has been recycled, while 12% has been incinerated, and the remaining 79% ends up in the landfill or the natural environment.

This, he said, is a broken system globally.

"It is clear that recycling alone cannot fix our plastic pollution problem fast enough," said Heng, who shared his findings of foreign plastic waste dumping in the country last year.

At least 45 sites with plastic waste were identified by Greenpeace and Kuala Langat Environment Protection Association, with rubbish



detected from 19 countries such as the United Kingdom, the United States, Australia and New Zealand.

Constant monitoring

Since the discovery, the Energy, Science, Technology, Environment and Climate Change Ministry (MESTECC) and the respective state governments have undertaken measures to control the problem.

Last October, the Government imposed a ban on the import of plastic scrap to prevent the country from becoming a dumping ground for waste.

The plastic recycling and manufacturing industry in Malaysia is a lucrative business, worth about RM30bil locally, while globally, it is worth RM600bil.

This proves to be a draw for many illegal plastic recycling com-

panies to set up shop or reopen operations that have been shut down.

This is why Heng said there is a need for these areas to be constantly monitored for fear of the return of unlicensed plastic recycling operations.

"Our field investigations suggest that unregulated processing of imported plastic waste in the country continues despite the announcement from the government of the import ban," he said.

"At Jenjarom, the dumping of plastic waste has reduced to just 5% of the original plastic waste. Most of the waste has been cleared since the issue was given media attention."

"From our insights, the waste in Teluk Gong, Port Klang is still there. "Sadly, we have now received complaints from local communities

in Kedah, Segamat (Johor) and Ipoh (Perak) that there are international plastic waste stored in industrial areas and abandoned buildings there."

"The problem cannot shift to other communities or even countries. We need to get to the root of it," Heng added.

Based on Greenpeace Malaysia's finding, most of the unregulated imported plastic waste was of FMCG items.

Among the illegally dumped plastic items that were found at Pulau Indah, Port Klang, for instance, were items such as plastic cups from a US coffee chain.

In Jenjarom, the group found fast food packing from Europe with wordings in four languages – Italian, German, French and English.

Soft drink packages from Spain, Portugal were found at Telok Panglima Garang, Kuala Langat and plastic snack packaging from Australia and New Zealand was found in Tasek, Ipoh.

The findings were gathered through in-depth research done by Greenpeace Malaysia in areas such as Klang and Jenjarom last year.

The findings were later published in a book called *The Recycling Myth* by Greenpeace Malaysia.

"We have to address this plastic waste issue together. The problem cannot shift elsewhere because the environmental impact affects everyone."

"Ultimately the world just has to invest in better alternatives."

"I am in touch with the plastic recycling association in the country and they say there are alternatives to plastic such as items made of starch and seaweed."

"The cost is the problem. They want some government support and it could be done through tax exemption. This will allow them to invest in new green industries."

"Governments and companies must set clear reduction targets for non-essential plastics and invest in creating alternatives," he said.

LAMPIRAN 2 (SAMB.) THE STAR (NEWS): MUKA SURAT 3 TARIKH: 23 APRIL 2019 (SELASA)



Theng says the issue goes beyond the economic aspect; it concerns human ethics and cross-border pollution.



Heng says every country must have policies to reduce single use plastics which could nip the problem at its source.



Open burning of plastic waste in Pulau Indah in Port Klang. This photo was taken by Greenpeace Malaysia between October and November 2018.

Disgraceful waste trail

Waste management specialist Dr Theng Lee Chong, when contacted by *StarMetro*, said the first world countries that brag about their high recycling rates should reflect on the disgraceful waste trail shifted to other parts of the world to deal with.

"The responsibility of recycling lies on the shoulders of both the exporting and importing countries. The trading of plastic waste in the world is not well controlled and is mostly business driven."

"The issue goes beyond the economic aspect – it concerns human ethics and cross-border pollution," he said.

People from the developed nations must be aware that their waste is affecting citizens from other countries, said Theng who shared statistics of the recycling rates of the developed countries.

Theng said based on estimation through various reports, Germany recycles 66% of its waste, Austria

(56%), Belgium (53%), Switzerland (53%), Netherlands (52%), Australia (51%), Sweden (48%), Denmark (46%), Italy (44%), UK (43.5%), Norway (43%), Poland (42.9%), Finland (41%), France (40%) and the US (35%).

"I am starting to doubt these high recycling rate statistics. Is the waste truly recycled or is it just a perception?" he questioned.

Globally, the focus should be on the Extended Producers Responsibility (EPR) whereby the producer of goods is responsible for the end of life of the product through recycling or another form of waste treatment.

Theng said EPR and product Design For the Environment (DFE) should be the direction product manufacturers are geared towards.

"A product should be designed in a way that when it becomes waste, it can still be easily managed as compared to dumping it in the landfill or to be incinerated."

"There is always the debate that

these eco-friendly products are expensive but with the right attitude and support, it can be achieved.

"The cost of ocean pollution and pollution in the developing countries would deprive our future generations in numerous ways," he said.

Theng also shared his worries that the issue of unregulated plastic waste recycling is now affecting other parts of the country.

He referred to an incident earlier this month where an illegal plastic waste company caught fire in Sungai Petani, Kedah.

"Parents from a nearby school there sent me some photos of the fire and the children were wearing masks in their school."

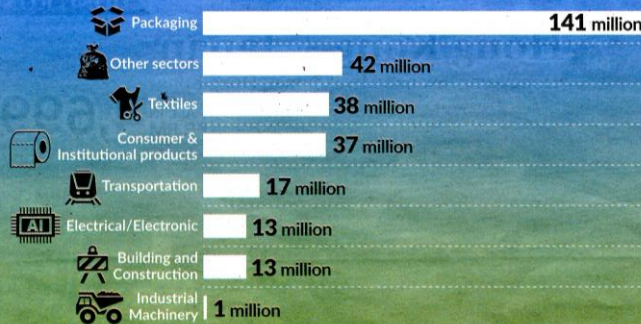
"Imagine the harmful dioxin gas that would be released into the air and inhaled by the public," he said, adding that authorities must carry out measures to weed out these illegal plastic waste factories before they do more damage.



Greenpeace Malaysia campaigner Heng at the 'Sampah Menyampah' environment talk.

Plastic waste generation by industrial sector 2015

(Global plastic waste generation by industrial sector, measured in tonnes per year)



Source: Our World In Data, Geyer et al (2017)

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LAMPIRAN 2 (SAMB.)
THE STAR (NEWS): MUKA SURAT 4
TARIKH: 23 APRIL 2019 (SELASA)

By EDWARD RAJENDRA
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CLEANLINESS of drains is a big problem throughout Sentosa constituency and this is due to shoddy work as well as poor supervision.

Most drains in the state constituency are filled with litter floating in stagnant water, which is a sure indication of neglect. Residents associations are fed up with the lackadaisical attitude of Klang Municipal Council (MPK) supervisors.

Sentosa assemblyman G. Gunaraj said there was a schedule that cleaning workers were required to follow but that was clearly not the case based on the filth in the drains. Supervisors in charge of the designated zones are also noticeably absent.

According to a source in Kumpulan Darul Ehsan Bhd (KDEB) Waste Management, MPK channels an annual estimate of RM27mil of ratepayers' monies for public cleaning that covers sweeping of roads, grass-cutting and cleaning of drains.

"The sum for just public cleaning is high and the work is lacking," added the source.

Gunaraj said millions of ringgit were being paid to private contractors and MPK's supervisors in charge of the respective areas must be held accountable to ensure

Dirty drains clog up Sentosa in Klang

MPK urged to take action against cleaning contractors ignoring maintenance schedule

workers perform with high service standards.

"People want their neighbourhoods to be clean.

"MPK must ensure that desilting of drains and cleanliness must meet the highest possible standards.

"Contractors must be equipped with the right tools to do the work, including appropriate containers to cart away rubbish taken out from the drains for proper disposal," he said.

He stressed that MPK's supervisors must ensure the contractual requirements were met.

Scooping out litter and desilting drains to ensure run-off water flows freely was one of the basic tasks for workers of private contractors hired by MPK, he said.

"Silt and litter removed from



drains must not be left on the grass verge. They must be taken to the landfill.

"Supervisors have to increase their monitoring of contractors hired to do the job and ensure cleanliness is given top priority," said Gunaraj after conducting a

walkabout in the immediate areas of Jalan Dato Abdul Hamid and Jalan Raja Nong.

One former contractor said it was expensive to dispose of the rubbish at a landfill as it costs RM36 per tonne.

Gunaraj said maintenance super-

visors must be seen in their respective areas, meet the contractors regularly and hand in reports to the local council and the Sentosa assemblyman's office.

"It is important for supervisors to identify contractors who fail to meet standards and after three warnings, to boot them out.

"All supervisors must settle the problem at the area level and ensure service standards improve," he said.

He added: "I have a plan called Clean and Green Campaign that requires the supervisors to be strict with contractors and people who live in the area to be civic-minded.

"MPK needs to increase its surveillance on illegal dumping at road sides, especially along Jalan Raja Nong and Jalan Kebun Nanas."

Social activist Abdul Razak Ismail said KDEB Waste Management had struggled for the past two years to keep the drains in Klang clean and there was still no improvement.

"One good solution to the problem is to re-engage former firms who were successful in handling the cleaning, to halt KDEB Waste Management's monopoly of such services in the state.

"Cleaning companies must prove themselves first, this will encourage higher performance standards to justify their fees," said Abdul Razak.

Rubbish-filled drains with stagnant water such as this one along Jalan Dato Abdul Hamid 29 is a common sight.

LAMPIRAN 3
NEW STRAITS TIMES (OPINION): MUKA SURAT 67
TARIKH: 23 APRIL 2019 (SELASA)



ZAKRI ABDUL
HAMID

SAVE OUR PLANET

HEED THE ENVIRONMENTAL SOLUTIONS OFFERED BY GEO-6

Policies must address entire systems — such as food, energy and waste — to have beneficial impact

SULTAN Nazrin Muizzuddin Shah was spot-on last week when he reminded Perak lawmakers that “development is not a licence to allow the destruction of the environment”.

The comment was made in the context of serious erosion and siltation resulting from uncontrolled development in Tanah Tinggi Kinta between Cameron Highlands in Pahang and Lojing in Kelantan.

Early last month, Malaysians watched with a sense of helplessness, anger and shame the unfolding drama of toxic chemical pollution in Sungai Kim Kim in Pasir Gudang, Johor.

It ranked among our country's worst environmental calamities in living memory, with more than 3,555 people affected and 111 schools in the district closed for several days.

The Department of Environment's analysis of samples from the river revealed a truly sickening cocktail of organic solvents — benzene, toluene, xylene, ethylbenzene and d-limonene.

Toxic gases were also emitted when the chemicals met water and air. The gases — including acrylonitrile, xylene, methane and toluene — can cause headache, nausea, fainting and breathing difficulty.

The situation was grave enough for Prime Minister Tun Dr Mahathir Mohamad and his deputy Datuk Seri Dr Wan Azizah Wan Ismail to visit the victims in hospital in Johor.

Thanks to the dedication and timely intervention of the relevant authorities, the situation was brought under control and there was no need to declare a state of emergency, stressed Dr Mahathir.

Many factors appeared to have led to this shameful episode. They include alleged greed and to find an easy way out of responsibility on the part of those who



It is time for us all to have a greater respect for Mother Nature..

caused the dumping.

Other factors include insufficient enforcement action against polluters to deter such behaviour, whether at the federal or local level, and a misguided attitude of communities that leave the entire job of conserving our rivers to the authorities.

Environmental neglect is hardly unique to Malaysia. A global picture was recently captured by the United Nation's (UN) sixth global environment outlook (GEO-6), the most comprehensive environmental assessment produced by the world body in five years.

Launched last month at the UN Environment Assembly in Nairobi, the 700-page report involved nearly 200 global experts who collaborated over 18 months. It covered in detail, a range of topics, including air, biodiversity, oceans and coasts, fresh water, climate change, human health and energy.

And it assessed the state of the global environment, the effectiveness of policy responses and

man deaths annually, with many millions more becoming ill.

These will lead to ongoing and potentially irreversible impacts if not addressed effectively and immediately.

However, just as a doctor doesn't leave after delivering a bad diagnosis, GEO-6 offers a suite of positive, solution-oriented messages too. It identifies pathways and approaches to systemic change, which must be scaled up quickly to steer the planet towards a more sustainable future.

The considerable connections between environmental, social and economic policies can inform multiple goals. So policies addressing entire systems — such as food, energy and waste — are more likely to have beneficial impact.

For instance, reducing our use of fossil fuels leads to health benefits by decreasing outdoor air pollution responsible for premature deaths. And efforts to eliminate hunger (such as changes in agricultural production) can help address climate change, biodiversity loss, land degradation and chemical pollution.

With the window for action closing quickly, and given the unprecedented rate of global environmental change, the GEO-6 calls for ambitious and innovative policy at an unprecedented level. We need decarbonisation, a circular economy, sustainable agriculture and food systems, and better adapting socio-economic systems to climate change.

Typically, environmental policy efforts are based on individual issues, like air pollution, or industry sectors. But this approach doesn't address the complexity of contemporary environmental problems that require large-scale, system-oriented efforts.

GEO-6 calls for urgent, inclusive and sustained action by governments, business and society proportionate to the scale and pace of global environmental change. Such change can only begin at home. It is time for us all to have a greater respect for Mother Nature.

The writer is a member of the Global Leadership Council of the UN Sustainable Development Solutions Network.

GEO-6 calls for urgent, inclusive and sustained action by governments, business and society proportionate to the scale and pace of global environmental change.

LAMPIRAN 4
BERITA HARIAN (INOVASI): MUKA SURAT 19
TARIKH: 23 APRIL 2019 (SELASA)

Straw daun serai, kertas rangkul Anugerah Perak

➔ 3 murid SK Bandar Behrang 2020 harum nama negara hasil penyedut minuman mesra alam

Oleh Rosman Shamsudin
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► Behrang

Inovasi penyedut minuman bio daripada daun serai dan kertas bagi menggantikan penyedut minuman plastik, membawa kejayaan kepada tiga murid Sekolah Kebangsaan (SK) Bandar Behrang 2020 pada Festival Ciptaan Antarabangsa dan Inovasi Teknologi Hijau 2019 (i-Finog).

Darwish El Farris Ahmad Zaini, 10; Ahmad Thaqif Aisar Abd Hadi, 11; dan Muhamad Aiman Azeze, 12, merangkul Anugerah Perak pada festival berkenaan yang berlangsung di Universiti Malaysia Pahang (UMP), kelmarin.

Kejayaan kumpulan murid terbabit yang dibimbing guru Sains, Dr S Shantarasekaran, membanggakan kerana bersaing pada pertandingan yang disertai 338 pasukan termasuk dari Kazakhstan, India, Jerman, Indonesia dan Sudan.

Shantarasekaran berkata, penyedut minuman semula jadi yang dikenali 'BioSegar EcoStraw'



Tiga murid SK Bandar Behrang 2020 bersama Shantarasekaran menerima Anugerah Perak pada Festival Ciptaan Antarabangsa dan Inovasi Teknologi Hijau 2019 di UMP, kelmarin.

traw' itu bersifat mesra alam dihasilkan melalui projek inovasi murid bertujuan menggantikan penggunaan penyedut minuman plastik sedia ada.

Mudah dilupus

"Penyedut minuman bio ini mudah dilupuskan jika dibuang kerana diperbuat daripada bahan semula jadi jika dibandingkan dengan penyedut minuman plastik.

"Walaupun gagal mengekalkan Anugerah Emas yang dimenangi di Universiti Teknologi MARA (UiTM) Merbok, Kedah, bulan lalu, ia tidak mematahkan semangat mereka untuk terus mencuba dalam pertan-

dingan lain.

Aroma unik

"Paling penting, mesej yang hendak disampaikan kepada masyarakat bahawa mereka ada pilihan menggunakan penyedut minuman yang lebih selamat dan mempunyai aroma unik," katanya ketika dihubungi BH, di sini, semalam.

Shantarasekaran berkata, penggunaan penyedut minuman bio itu juga dapat membantu mengurangkan masalah pencemaran alam sekitar, sekaligus memberikan pilihan kepada pengguna untuk terus menggunakan penyedut minuman mesra alam.



BioSegar EcoStraw bersifat mesra alam dihasilkan melalui projek inovasi murid bertujuan menggantikan penggunaan penyedut minuman plastik sedia ada"

S Shantarasekaran,
Guru

LAMPIRAN 5
HARIAN METRO (SETEMPAT): MUKA SURAT 24
TARIKH: 23 APRIL 2019 (SELASA)

Imej satelit dedah pemilik kapal buang minyak

Kota Tinggi: Jabatan Laut Wilayah Selatan (Johor) mendapat maklumat berkaitan kapal tangki asing dipercayai dalang tumpahan Marine Fuel Oil (MFO) di perairan Tanjung Balau dan Batu Layar di sini, 17 April lalu.

Pengarahnya, Dickson Dollah berkata, bukti itu diperolehi menerusi imej satelit yang dirakam ketika kejadian namun perlu melakukan siasatan teliti membatkan pelbagai pihak.

"Kami kenal pasti pelaku, namun tidak boleh mengambil tindakan ketika ini memandangkan ia membatkan proses undang-undang.

"Bagaimanapun, imej satelit dirakam mengenal pasti kapal yang menyebabkan pencemaran di perairan



Tanjung Balau," katanya di sini, semalam.

Beliau berkata, ada lima kapal termasuk empat kapal tangki dan sebuah kapal kargo asing melalui perairan itu sebelum tumpahan minyak berlaku.

"Kapal tangki asing itu bersama kapal lain berada di tempat kejadian beberapa

hari sebelum tompokan minyak ditemui di pesisir pantai Tanjung Balau.

"Bagaimanapun, kapal itu melarikan diri selepas berita mengenai pembuangan minyak disebarkan melalui media massa," katanya.

Beliau berkata, hanya kerjasama di peringkat agensi tempatan dan antarabangsa

dapat membantu menahan pemilik kapal itu.

"Kerjasama membatkan pelbagai agensi termasuk Kementerian Pengangkutan, Kementerian Luar dan Peguam Negara diperlukan kerana ia membatkan prosedur undang-undang untuk menahan kapal itu," katanya.

LAMPIRAN 6
SINAR HARIAN (GLOBAL): MUKA SURAT 43
TARIKH: 23 APRIL 2019 (SELASA)

Gempa 6.3 magnitud gegar tengah Filipina

MANILA- Sekurang-kurangnya lima maut selepas gempa berkekuatan 6.3 skala Richter menggegarkan tengah Filipina, semalam.

Beberapa bangunan pejabat di daerah perniagaan utama di bandar Makati turut merasai gegaran kuat tersebut.

Pusat Pemerhati Geologi Amerika Syarikat (USGS) memaklumkan gempa pada jam 5.11 petang (waktu tempatan) itu berlaku kira-kira 60 kilometer barat laut Manila pada kedalaman 40 kilometer.

Gambar dan rakaman video yang dikongsi di media sosial turut menunjukkan pemindahan dilakukan di beberapa sekolah dan bangunan sebagai langkah berjaga-jaga. - *AFP*

LAMPIRAN 7

UTUSAN MALAYSIA (LUAR NEGARA): MUKA SURAT 40
TARIKH: 23 APRIL 2019 (SELASA)

Gempa bumi landa Filipina, 5 maut

MANILA 22 April - Gempa bumi kuat berukuran 6.3 pada skala Richter menggegarkan utara Filipina hari ini menyebabkan lima terbunuh dalam dua kejadian bangunan runtuh.

Menurut Gabenor Wilayah Pampanga, Lilia Pineda, tiga mangsa yang terbunuh dikeluarkan dari runtuhannya bangunan di bandar Porac.

"Dua lagi mangsa terdiri daripada seorang wanita tua dan cucunya maut dihempap bangunan runtuh di bandar Lubao.

"Gempa bumi ini juga mengakibatkan bekalan elektrik terputus manakala Lapangan Terbang Antarabangsa Clark rosak teruk," katanya kepada siaran televisyen ABS-CBN.

Terdahulu, *Sun Star Manila* melaporkan, lebih 40 dipercayai terperangkap dalam runtuhannya pasar raya Chuzon di Porac.

Jelas Pineda, kira-kira 20 berjaya diselamatkan dan dibawa ke



ORANG ramai berhimpun di kawasan lapang di Manila sebagai langkah keselamatan selepas gempa bumi kuat melanda Filipina semalam. - AFP

hospital untuk rawatan lanjut.

Pusat Kajian Geologi Amerika Syarikat (USGS) melaporkan gempa bumi berukuran 6.3 pada skala Richter melanda Luzon, Filipina.

Gempa tersebut berlaku pada pukul 5.11 petang waktu tempatan di kedalaman 40 kilometer.

Kejadian itu menyebabkan

keadaan panik Manila dengan ribuan melarikan diri ke kawasan selamat setelah beberapa bangunan bergegar.

Di bandar Makati menyaksikan kakitangan pejabat melarikan diri ke jalanan selepas siren kecemasan dibunyikan namun tiada sebarang kecederaan dan kerosakan dilaporkan. - AFP/AGENCI

LAMPIRAN 8
HARIAN METRO (GLOBAL): MUKA SURAT 32
TARIKH: 23 APRIL 2019 (SELASA)

Lima maut dalam gempa bumi

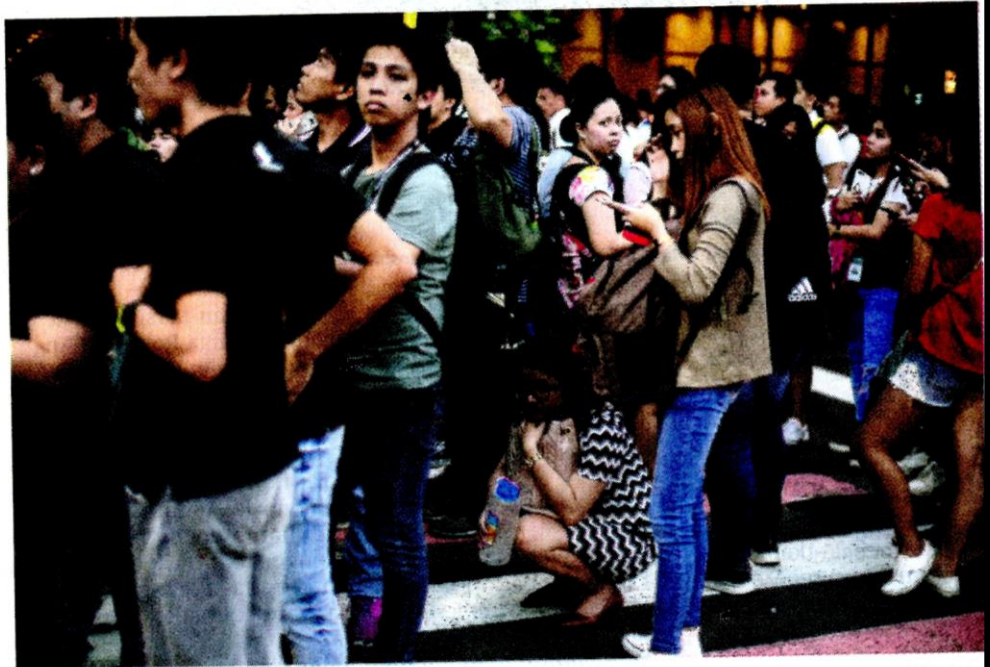
Manila: Lima orang maut ditimpa puing selepas sekurang-kurangnya dua bangunan runtuh dalam gempa bumi kuat dengan magnitud 6.3 yang melanda utara Filipina, semalam.

AFP melaporkan, tiga mayat ditemui dalam runtuhannya bangunan di Porac manakala seorang wanita tua dan cucunya dihempap puing bangunan di Lubao, kata Gabenor Wilayah, Lilia Pineda kepada rangkaian televisyen ABS-CBN.

"Gempa mengakibatkan bekalan elektrik terputus, seterusnya menyukarkan usaha mencari mangsa terselamat menjelang malam," katanya.

Pekerja pejabat, Feliza Villanueva, 21, melarikan diri ke jalan raya bersama empat rakaninya ketika amaran kecemasan dibunyikan.

"Kami takut tetapi tidak panik, malah sempat menunggu giliran untuk turun tangga kerana terlalu ramai



PEKERJA berhimpun di kawasan terbuka di Manila susulan gempa bumi. - AFP

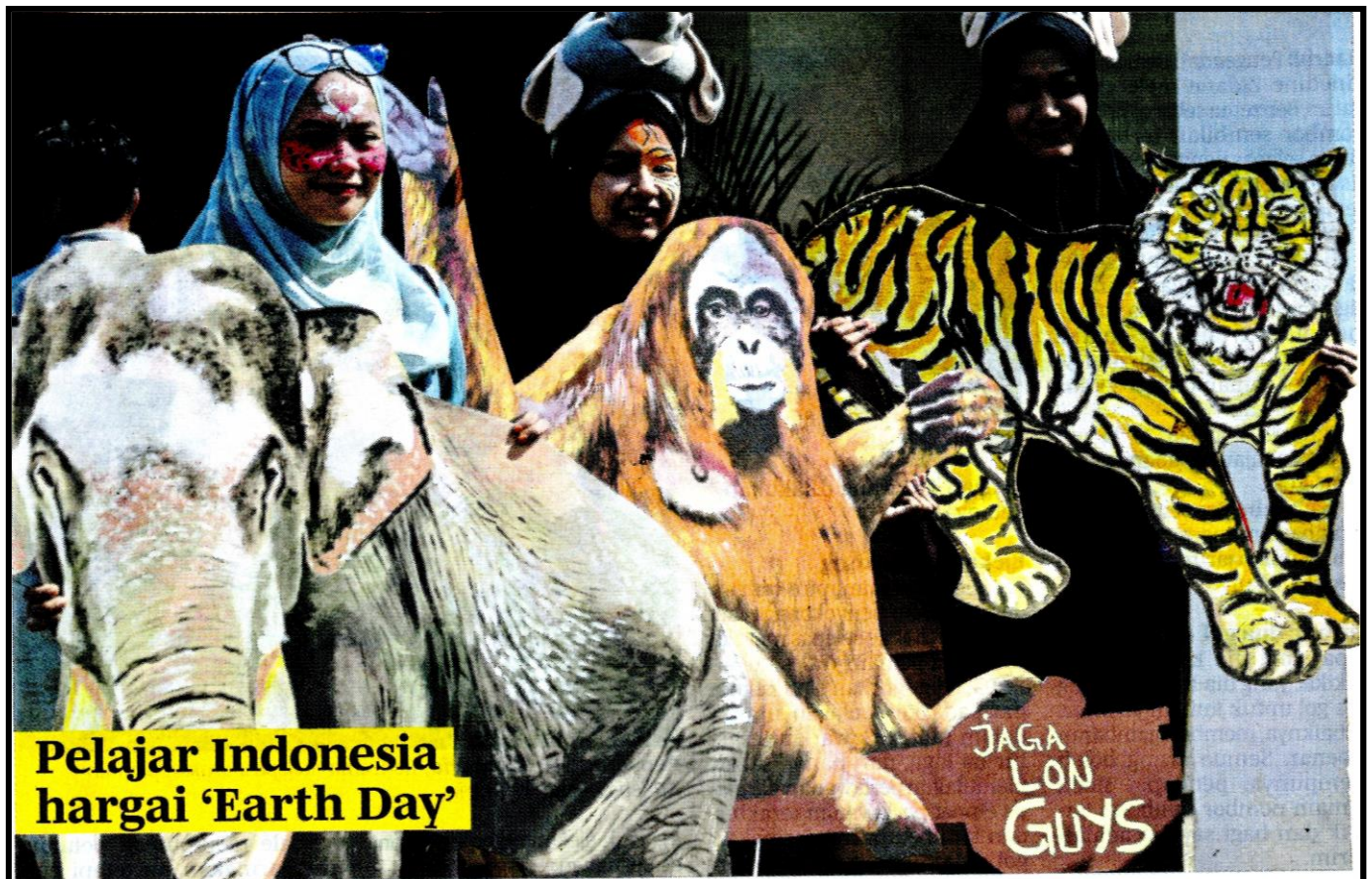
penghuni bangunan berpusu-pusu keluar," katanya.

Gempa berpusat di Cas-

tillejos, kira-kira 100 kilometer di barat laut Manila, kata ahli geologi. Saintis Pusat Kajian Geologi Amerika

Syarikat (USGS) berkata, pusat gempa terletak 40 kilometer di bawah permukaan Bumi. - AFP

LAMPIRAN 9
BERITA HARIAN (DUNIA): MUKA SURAT 73
TARIKH: 23 APRIL 2019 (SELASA)



**Pelajar Indonesia
hargai 'Earth Day'**

Sekumpulan pelajar Indonesia memegang gambar potongan kad bod haiwan yang terancam ketika menyertai perhimpunan Earth Day di Banda Aceh, semalam. Acara tahunan itu diadakan pada setiap 22 April untuk mempromosi kesedaran alam sekitar dan melindungi planet.

LAMPIRAN 10
BERITA HARIAN (DUNIA): MUKA SURAT 72
TARIKH: 23 APRIL 2019 (SELASA)



Ramai pekerja bergegas keluar mencari kawasan selamat selepas gempa bumi menyebabkan sekurang-kurangnya dua bangunan runtuh dekat Manila, Filipina, semalam.

5 maut gempa landa Filipina

➔ Ada mangsa dipercayai masih terperangkap dalam runtuhan

Manila

Lima orang terbunuh apabila sekurang-kurangnya dua bangunan runtuh susulan gempa bumi di utara Filipina, semalam, menurut pihak berkuasa tempatan.

Setakat ini tiga mayat berjaya dibawa keluar dari sebuah bangunan di bandar Porac, manakala seorang wanita dan cucunya terkorban di sebuah lagi bangunan di bandar Lubao, menurut gabenor daerah

Lilia Pineda kepada stesen penyiar ABS-CBN.

"Kami percaya masih ada mangsa yang terperangkap dalam bangunan empat tingkat. Misi membantu mangsa menjadi sukar tanpa bekalan elektrik dan juga hari semakin gelap," katanya.

Terdahulu, Pusat Kajian Geologi Amerika Syarikat (USGS) melaporkan gempa bumi berukuran 6.3 magnitud melanda wilayah tengah Filipina.

Seorang saksi memberitahu

Reuters, gempa itu mengakibatkan beberapa bangunan di kawasan perniagaan utama di Manila bergegar.

Pusat gegaran dilaporkan terletak 60 kilometer di barat daya Manila dan pada kedalaman 40 kilometer.

Terdahulu, sebahagian besar pekerja di Manila sudah mengosongkan bangunan pejabat masing-masing selepas panik dengan perkembangan itu di kawasan mereka.

AFP/Reuters