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# DENR adopts upgraded solid waste management solutions

SEP 7, 2021, 4:39 PM

Santiago Celario Writer

DENR Sec. Cimatu said the total solid waste management solution will augment the capacity of SLFs and make them more useful to the local government units (LGUs).

**THE** National Solid Waste Management Commission (NSWMC), chaired by the Department of Environment and Natural Resources (DENR), has approved the adoption of the total solid waste management solution as part of efforts to help optimize waste recovery and utilization in sanitary landfills (SLFs).

Environment Secretary Roy Cimatu said this new innovation "shall help the DENR to expedite the goals of strictly implementing Republic Act 9003 or the Ecological Management Act of 2000."

"Through the Total Solid Waste Management Solution, we will be able to augment the capacity of SLFs and make these more useful to the local government units (LGUs)," Cimatu said.

"This strategy will also help lessen solid wastes that go into coastal areas and waterbodies all over the country, and will support the ongoing rehabilitation of Manila Bay," he added.

In a resolution signed by NSWMC Alternate Chair and DENR Undersecretary for Solid Waste Management and LGUs Concerns Benny Antiporda, the Commission will integrate processes and technologies for the management of biodegradable wastes, recyclable wastes, and residuals with potential for diversion, and the treatment of special wastes or household hazardous wastes before disposal.

He said the measure will help local LGUs to "enhance the processes by which they manage and treat their wastes."

"We took into consideration both the capability and capacity of the LGUs to implement their targets in accordance with their 10-year solid waste management plan until such time that they are able to meet their maximum waste diversion target through materials recovery, composting and other resource recovery activities," Antiporda explained.

He pointed out that the adoption of the concept of total solid waste management solution will ensure the optimum utilization of solid waste materials that enter SLFs.

"This enables SLFs to have an extended lifespan. As we are able to do so, we can maximize the land use in the different locations in each LGU," he said.





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Antiporda said the specific directives under the NSWMC resolution will be handed over to the regional offices through the DENR-Environmental Management Bureau for the proper integration of the Total Solid Waste Management Solution in the design and operation of the proposed SLF projects.





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NSWMC aprub sa proseso, teknolohiya sa maayos na pagtatapon ng basura sa sanitary landfills



September 7, 2021 @ 6:00 PM 13 hours ago

Manila, Philippines – UPANG makatulong na mapabuti ang waste recovery at paggamit ng sanitary landfills (SLFs), inaprubahan na ng National Solid Waste Management Commission (NSWMC) na pinamumunuan ng Department of Environment and Natural Resources (DENR) ang adapsiyon ng total solid waste management solution.

Sa press release ayon kay Environment Secretary Roy A. Cimatu ang bagong pamamaraan na ito, "shall help the DENR to expedite the goals of strictly implementing Republic Act 9003 or the Ecological Management Act of 2000."

"Through the Total Solid Waste Management Solution, we will be able to augment the capacity of SLFs and make these more useful to the local government units (LGUs)," sabi ni Cimatu.

"This strategy will also help lessen solid wastes that go into coastal areas and waterbodies all over the country, and will support the ongoing rehabilitation of Manila Bay," dagdag ng kalihim ng DENR.

Kaugnay nito base sa resolusyon na nilagdaan ni NSWMC Alternate Chair at DENR Undersecretary for Solid Waste Management and LGUs Concerns Benny D. Antiporda, pagsasamahin ang proseso at teknolohiya para sa pamamahala ng biodegradable wastes, recyclables wastes at residuals with potential for diversion at ang pagtrato sa special wastes o household hazardous wastes bago ito itapon.

Aniya, sa pamamagitan nito ay matutulungan ang local LGUs para maisaayos ang proseso sa pamamahala maging ang pagtrato sa kanilang mga basura.

"We took into consideration both the capability and capacity of the LGUs to implement their targets in accordance with their 10-year solid waste management plan until such time that they are able to meet their maximum waste diversion target through materials recovery, composting and other resource recovery activities," paliwanag pa ni Antiporda.

Binigyang-diin pa ni Antiporda na ang paggamit ng konsepto ng total solid waste management solution ay matitiyak na muling mapakikinabangan ang solid waste materials na pumapasok sa SLFs.





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"This enables SLFs to have an extended lifespan. As we are able to do so, we can maximize the land use in the different locations in each LGU," aniya.

Sinabi din ni Antiporda, ang direktiba na nakapaloob sa NSWMC resolution ay ipapaalam sa regional offices sa pamamagitan ng DENR-Environmental Management Bureau para sa tamang pagdagdag ng Total Solid Waste Management Solution sa disenyo at operasyon ng panukalang SLF projects.

Sa kasalukuyan, may 52 SLF projects ang may pending approval.

"With this resolution, hopefully, we would be able to make sure that the future SLFs will be maximized. We also hope that this new strategy would complement our move to advance the prohibition of non-environmentally acceptable products," saad ni Antiporda. (Santi Celario)





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#### WASTE MANAGEMENT

The Department of Environment and Natural Resources (DENR) said on Tuesday that local authorities have joined with international groups to implement a new system that would enable the country appropriately manage its medical waste during the COVID-19 pandemic.

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### PEOPLE'S VIEW

PRECY F. LAZARO

### KONTRIBUSYON SA PAGTAGUYOD NG WIKANG FILIPINO, KWF KINILALA NG DENR

ANG Kagawaran ng Kapaligiran at Likas na Yaman o Department of Environment and Natural Resources (DENR) ay kinilala ang mahalagang kontribuyon ng Komisyon sa Wikang Filipino (KWF) tungo sa inisyatibo nitong gamitin ang wikang Filipino sa mga opisyal na transaksyon, komunikasyon at korespondensiya. Ang Selyo ng Kahusayan daw sa Serbisyo Publiko Antas II ay itinuturing na isang napakalaking karangalan at gagamiting inspirasyon upang daw sa Serbisyo Publiko Antas II ay itinuturing na isang napakalaking karangalan at gagamiting inspirasyon upang dalo pang maiangat ang antas ng kanilang paglilingkod sa bayan ayon kay DENR Secretary Roy A. Cimatu. Sa paggamit daw sa katutubong wika ay nagagawa nila na mas mabilis at maayos ang kanilang mga takdang mandato at tungkulin

Kabilang ang kagawaran sa 31 na mga ahensiya na nagawaran ng Selyo ng Kahusayan sa Serbisyo Publiko sa ginanap na KWF virtual awarding ceremony noong Agosto 31, 2021. Ito ay ang taunang pagkilala sa mga ahensiya ng gobyemo at lokal na unit ng pamahalaan na nakasusunod sa Executive Order 335 or Kautusang Tagapagpaganap Bilang 335 na nilagdaan ni dating Pangulo Corazon C. Aquino noong 1988. Ayon sa komisyon, "sinikap ng DENR ang pagpapalaganap ng kanilang mga programa gamit ang wikang Filipino sa pamamagitan ng pagpapalabas ng mga video tungkol sa pangangalaga ng kalikasan, at isinagawa ang iba pang mga gawaing pangwika." Kabilang dito ang pagsalin sa Filipino ng mission at vision ng ahensiya, at ang mga opisyal na korespondensiya tulad ng mga liham, memorandum and iba pang communication materials na ginagamit sa loob at labas ng ahensiya tulad ng DENR newsletter, brochures, posters, press releases, at ang Alternative Dispute Resolution Form ng Legal Affairs Service nito. Dagdag padin na kinilala din ng KWF ang official DENR social media accounts para sa paggamit ng wikang Filipino sa mga posts nito.

Sa mensahe ni Arthur P. Casanova, Tagapangulo ng KWF na "ang wikang Fiipino ay dapat na pagyabungin at pagyamanin salig sa umiiral na wika ng Pilipinas at iba pang mga wika sa ating bansa.' Ayon pa kay Casanova sa pamamagitan ng paggamit ng wikang Filipino, sa opisyal na mga transaksyon, komunikasyon at korespondensiya ay lalong mauunawaaan at mapahahalagahan ng sambayang Pilipino ang mga programa, proyekto at mga gawain ng pamahalaan na makikita sa buong bansa. Ito rin ay magsisilbing instrumento ng pagkakaisa at pagkakabigkis-bigkis, pagkaka buklod-buklod at magdudulot ng kapayapaan sa sambayanang Filipino.

Idinagdag pa din ni Cimatu na nais niyang anyayahan ang KWF na tulungan sila na mapalaganap ang edukasyon at impormasyon tungo sa pangangalaga ng kapaligiran at mga likas na yaman gamit ang mga katutubong wika sa ibat-bang bahagi ng bansa. Ayomnaman kay DENR Undersecretary for Solid Waste Management at Local Government Units Concerns at Supervising Undersecretary for Strategic Communication and initiatives Service Benny D. Antiporda, ang parangal daw ay magsisilbing lakas ng loob nila tungo sa lalo nilang mailapit ang sarili nating wika sa mamamayan, mapausaping kalupaan, mapausaping kalangitan, o sa katubigan at isama na din ang usaping buhay-ilang, basura, at pagmimina.

Ang inyong lingkod ay nangunang humiling sa KWF sa isang press conference na ginanap sa mismong tanggapan nila sa Intramuros ilang taon na ang nakakaraan tungkol dito. Aking ipinaabot sa kanila na sana ang lahat ng ahensiya ng pamahalaan ay gumamit ng Filipino sa mga press releases na aming matatanggap dahil importante na direktang sariling wika ang gawing gabay ng aming mga report sa bayan. Kung kaya, nang nakakatanggap na ako nang sa Filipino version ay laking tuwa ko na dininggin nila ang aking kahilingan at ito nga ay nagaganap na simula pa nuon. Mula pa nuon hanggang ngayon ay bukas ang pahayagang ito tungo sa mga layunin at mithiin ng KWF.





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### DENR sets \$4.65 million project to address COVID-19 waste

By Rhodina Villanueva (Philstar.com) - September 8, 2021 - 12:00am



The DENR has expressed concern about the increased generation of health care wastes.

MANILA, Philippines — The Department of Environment and Natural Resources (DENR) is set to implement a project with a funding of \$4.65 million to address the waste problem brought by the COVID-19 pandemic.

The DENR has expressed concern about the increased generation of health care wastes.

The agency said it is looking forward to carrying out the health care waste management project, which was approved for funding by its partner Global Environment Facility (GEF).

DENR's Environmental Management Bureau (EMB) director William Cuñado said the project involves the reduction of unintentionally-produced POPs (persistent organic pollutants) released to the environment.

"Management of mercury-added products and mercury waste from the health care sector will addressed these can he as effects health released have adverse on human once into the environment," Cuñado said.

"We also need to strengthen the management of non-pathological infectious waste generated from the health care system brought about by COVID-19. These trash should be properly treated and disposed of to prevent the spread of the virus," he added.

Cuñado said the project would also demonstrate low-cost and non-combustion treatment of waste suitable for small-scale and remote hospitals.

"This will be implemented in a cluster of health care facilities. The project will upgrade the capacity of waste service providers with best available technologies, techniques and practices. It will also link local governments to public and private investments," he said.

The DENR is mandated to reduce the use of mercury under its obligation as a party to the Minamata Convention.

Human exposure to mercury has been linked to disorders of the central nervous system resulting in incognitive motor skills, kidney failure and birth defects.





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The Philippines is also committed to the elimination of POPs under the Stockholm Convention. The project will be implemented by the United Nations Industrial Development Organization and EMB as the lead executing agency.

The Department of Health said infectious waste is most likely to contain pathogens (bacteria, viruses, parasites or fungi) in sufficient concentration or quantity to cause diseases in susceptible hosts.

Source: <a href="https://www.philstar.com/headlines/2021/09/08/2125575/denr-sets-465-million-project-address-covid-19-waste/amp/">https://www.philstar.com/headlines/2021/09/08/2125575/denr-sets-465-million-project-address-covid-19-waste/amp/</a>





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## DENR sets healthcare waste management amid COVID-19

posted September 07, 2021 at 06:33 pm by Manila Standard

A Philippine Healthcare Waste Management Project (PHCWMP) will be implemented by the government to address the huge waste problem brought about by the pandemic Covid 19 that consequently has adverse health impact on the population.



The Department of Environment and Natural Resources (DENR) is concerned about the increasing generation of healthcare wastes particularly due to the Covid 19 pandemic that just came about in late 2019.

As such, the healthcare waste management project was approved for funding by DENR's partner Global Environment Facility (GEF) for \$4.65 million.

The healthcare waste management work will involve four components. The first is the reduction of unintentionally-produced POPs' (persistent organic pollutants) release to the environment.

Management of mercury-added products and mercury wastes from the healthcare sector will also be addressed as these can have important adverse effect on human health once released to the environment.

"We need to strengthen the management of non-pathological infectious healthcare wastes generated from the healthcare system brought about by Covid 19. These wastes should be properly treated and disposed of to prevent further spread of the virus," said DENR's Environmental Management Bureau (EMB) Director William P. Cuñado.

"The project will also demonstrate a low cost and non-combustion treatment of wastes suitable for small scale and remote hospitals. This will be implemented in a cluster of healthcare facilities. The project upgrade the capacity of waste service providers with best available technologies, techniques, and practices.

It will also link local governments to public and private investments.

DENR is mandated to reduce the use and release to the environment of mercury under its obligation as a party to the Minamata Convention.

Human exposure to mercury has been linked to disorder of the central nervous system resulting in incognitive motor skill, kidney failure, and anomalies or birth defects.





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The Philippines is also committed to the elimination of POPs under the Stockholm Convention.

The project will be implemented by the United Nations Industrial Development Organization (UNIDO) and EMB as the lead executing agency.

The DOH's Healthcare Waste Management Manual (4th Edition) indicated that Infectious waste is most likely to contain pathogens (bacteria, viruses, parasites, or fungi) in sufficient concentration or quantity to cause diseases in susceptible hosts.

Aside from infectious wastes, there are other types of hazardous healthcare wastes health authorities are concerned of which are the following

- 1. Pharmaceutical wastes includes expired, split, and contaminated pharmaceutical products, drugs, vaccines and sera that are no longer usable and needs to be disposed of appropriately. This also includes discarded items used in handling of pharmaceuticals, such as bottles, vials and ampoules, or boxes with residues, gloves, masks and connective tubing.
- 2. Sharp wastes must be managed with utmost care because of the double danger it poses such as accidental pricks, cuts, or punctures that can potentially spread infection through these injuries.
- 3. Chemical wastes consists of discarded solid, liquid, and gaseous chemicals used in diagnostic and experimental work and in cleaning, housekeeping, and disinfecting procedures.

Source: <a href="https://manilastandard.net/mobile/article/364333">https://manilastandard.net/mobile/article/364333</a>





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## Globe, DENR, UNIDO and partners join hands for new recycling facility in Malabon City

BYBMPLUS SEPTEMBER 7, 2021



The UN Environment Programme in its 2019 <u>press</u> statement said that more than 50 million tonnes of electronic waste (e-waste) are generated each year and less than 20% is formally recycled. About 80% either end up in landfills or being informally recycled – much of it by hand – in developing countries, exposing workers to hazardous and carcinogenic substances such as mercury, lead and cadmium.

To help address concerns over informal e-waste processing and its associated risks to the people and environment, Globe joined a multi-stakeholder partnership that will put up the country's second community e-waste Treatment, Storage, and Disposal (TSD) facility in Barangay Dampalit, Malabon City. The facility is expected to be inaugurated by late November 2021 and will start operations immediately after necessary technical training is completed.

Barangay Dampalit was selected as the new TSD site and the local e-waste pickers, led by their association — Samahan ng Magbabaklas, will be trained on proper handling and dismantling of e-waste to discourage unconventional and harmful means of recycling.

The TSD project aims to process at least 10,000 cathode-ray tube (CRT) or glass video displays from TV and computer monitors collected from nearby barangays such as Longos, Malabon, and Capulong, Tondo. E-waste covers all electrical and electronic equipment and its components, now considered as one of the fastest-growing waste streams in the Philippines according to the DENR -Environmental Management Bureau.

Yoly Crisanto, Globe Chief Sustainability Officer and SVP for Corporate Communications explained the importance of community partnerships for this advocacy. "We aim to help address the growing concern on e-waste and ensure that local communities will not be adversely affected. This new facility will help the informal e-waste recyclers by protecting them from environmental and health hazards," she said.

Globe is providing fund support to construct the TSD facility. The company will also provide bins for additional e-waste drop-off points, facilitate the safe transport of non-CRT e-waste items to the DENR-accredited recycling facilities, co-develop communications and creative materials, and introduce affordable financial and health services such as GCash, G-Insure and KonsultaMD to identified informal e-waste pickers in Barangay Dampalit, Malabon City.

Globe's involvement in the TSD project is part of the company's E-Waste Zero Program, which actively promotes the safe and responsible disposal of e-waste since 2014. To date, Globe has collected more than 1.4 million kilograms of old and non-working electronic devices from its corporate offices and key facilities, customers, and partners.





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The TSD facility will be established by the DENR – Environmental Management Bureau, through its project entitled "Implementation of PCB Management Programs for Electric Cooperatives and Safe e-waste Management", with funding from the Global Environment Facility (GEF) and jointly implemented by the United Nations Industrial Development Organization (UNIDO), the Integrated Recycling Industries Philippines (IRI), Ecowaste Coalition, Globe, and the host local government unit of Barangay Dampalit, Malabon City.

"Protection of the environment cannot be done by the DENR alone. We need partners such as private entities, international organizations, and even other government entities," said DENR Undersecretary for Policy, Planning and International Affairs, Atty. Jonas Leones, who underscored the importance of working together for a common goal during the ceremonial signing of the agreement held last June.

The UNIDO serves as the primary project proponent, ensuring end-to-end program implementation. It is a specialized agency of the United Nations that promotes industrial development for poverty reduction, inclusive globalization, and environmental sustainability.

For its part, the IRI will provide training and technical support to the facility's operations and ensure the implementation of best practices for e-waste management. Ecowaste Coalition will assist in the networking and awareness-raising activities with the communities of the informal e-waste recyclers while the local government of Barangay Dampalit will assist in converting their existing materials recovery facility into a DENR-accredited TSD facility.

Customers who would like to support the program and help divert e-waste to proper recycling facilities may drop their e-waste in participating Globe stores nationwide or request free doorhauling of e-waste. Visit Globe's Sustainability website https://www.globe.com.ph/about-us/sustainability/environment.html for complete may information. Organizations wanting to partner with Globe email bridgecom@globe.com.ph.

The company strongly supports the United Nations Sustainable Development Goals, particularly UN SDG No. 12 for sustainable consumption and production about achieving economic growth and sustainable development by urgently reducing our ecological footprint, and UN SDG No. 17 that highlights global partnerships for the goals. Globe is committed to upholding the United Nations Global Compact principles and contributing to 10 UN SDGs.

To know more about Globe, visit www.globe.com.ph.





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## DENR steps up effort to protect water resources

By Jerry M. Hernandez September 8, 2021

THE <u>Department of Environment and Natural Resources</u> (DENR) is determined to protect the country's water resources as it intensified its cleanup efforts to realize its mission.

In Central <u>Luzon</u>, the department has pursued the clearing in the 610-kilometer coastline and seeks to protect the ecosystems and marine life against water pollution by removing trash and debris in beaches, river systems, waterways, and other water bodies.

DENR <u>Regional Executive Director Paquito Moreno Jr.</u> said aside from the <u>Manila Bay</u> Cleanup and Rehabilitation Program that focuses on cleaning river systems, the Coastal and Marine Ecosystems Management Program (CMEMP) was also a vital tool of the government in protecting coastal and marine resources.

"Through CMEMP, about 37,170 kilograms of mixed wastes were collected from coastal cleanup activities conducted last year in <u>Aurora</u>, Bulacan, <u>Bataan</u>, Pampanga, and Zambales," he said.

Moreno sounded a call to the public to keep coastal areas plastic-free by practicing proper waste segregation at home and reducing utilization of single-used plastics.

DENR records show that most of the waste collected from coastal areas are composed of cigarette butts and single-use plastics, such as food wrappers, pet bottles, straws and plasticwares.

Earlier, more than 23,000 tons of waste matter have been collected by the DENR in its massive cleanup efforts at major river systems and tributaries of Manila Bay in Central Luzon since January.

"We encourage everyone to religiously segregate their solid wastes at home and avoid using lots of single-use plastics because this will help in the reduction of our daily garbage generation," Moreno said.

Source: <a href="https://www.manilatimes.net/2021/09/08/news/regions/denr-steps-up-effort-to-protect-water-resources/1813929">https://www.manilatimes.net/2021/09/08/news/regions/denr-steps-up-effort-to-protect-water-resources/1813929</a>





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### **DENR** postpones dismantling of fish pens

By Dennis Abrina September 8, 2021

<u>BACOOR CITY</u>, **Cavite:** The scheduled dismantling operation of illegal structures in <u>Manila</u> <u>Bay</u> waters by the <u>Department of Environment and Natural Resources</u> (DENR) on Tuesday, September 7, did not push through.

The DENR demolition team was met by hundreds of demonstrators at the Parañaque Fish Port to prevent the dismantling of the tahungan and talabahan (mussels and oyster breeding areas) and fish cages that had been the source of livelihood for fisherfolk in Cavite coastal towns.

The demolition of bamboo poles from fish pens, known locally as baklad and sapra, in the waters off Bacoor, Kawit, Noveleta and <u>Cavite City</u> is in compliance with the directive of DENR Secretary <u>Roy Cimatu</u> to regulate fishing structures in Manila Bay and tributaries.

According to the DENR, the illegal structures not only lack permits, but are also a cause of pollution in the bay especially during typhoons.

The DENR, however, could not confirm when the demolition would push through.

According to <u>Allan Chua</u>, officer-in-charge and agriculturist of Bacoor City local government unit, around 20 sapra and eight mussel breeding areas in Bacoor were affected by the dismantling order.

"Ang naisip kong tulong <u>sa</u> mga mangingisda ng Bacoor ay mag-change ng tulos ng kawayan ang gagamitin nila ay container drums to lessen ang pagkalat ng kawayan sa dagat (What could be of help to the livelihood of these fisherfolk is for them to make use of drums instead of the bamboo poles that could easily be washed out by typhoons)," Chua said in an interview.

"Starting Tuesday, September 7, Bacoor will be distributing around 600 container drums and nets to around 100 fisherfolk for them to restart on planting their aquaculture business," Chua added.

Source: <a href="https://www.manilatimes.net/2021/09/08/news/regions/denr-postpones-dismantling-of-fish-pens/1813923">https://www.manilatimes.net/2021/09/08/news/regions/denr-postpones-dismantling-of-fish-pens/1813923</a>





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# Fishers hit planned demolition of fish pens, mussel farms in Manila Bay

Gaea Katreena Cabico - Philstar.com September 7, 2021 | 8:29pm



Fishers on Tuesday held a mass action at the bay to oppose the order to dismantle fish pens and oyster farms.

MANILA, Philippines — The demolition of fishing structures along Manila Bay will wipe out the source of livelihood of thousands fishers in Cavite and displace them from their communities, groups said on Tuesday.

Pambansang Lakas ng Kilusang Mamalakaya ng Pilipinas (PAMALAKAYA) said the demolition of aquaculture farms for mussels and oysters and other structures in the areas of Noveleta, Kawit, Cavite City and Bacoor will threaten the livelihood of 15,000 fishers.

The scheduled dismantling of structures in the bay did not push through Tuesday, giving fishers another day to fight for their livelihood and way of life.

PAMALAKAYA said its members will continue to guard their sources of livelihood against DENR's plan to demolish what it said were illegal fishing structures.

Fishers on Tuesday held a mass action at the bay to oppose the order to dismantle fish pens and mussel farms. On Monday, they held protest in front of the Department of Environment and Natural Resources' office in Quezon City.

Anakpawis called the demolition order "unethical and immoral."

"The order was only publicized on August 25, then they want the Cavite fisherfolk to voluntarily lose their sources of livelihood on September 7? This is not governance, this is tyranny," Anakpawis national president Ariel Casilao said.

"This is on top of that we are on the pandemic crisis, where poor sectors are barely surviving and now they want to wipe out a whole livelihood sector that directly affects more than 15,000 fisherfolk," he added.

Groups believe the order to dismantle of fishing structures is precursor to a massive reclamation plan in Cavite, particularly in Bacoor City which has a 420-hectare proposed reclamation project.

#### For small fishers?

The order is part of the DENR's effort to regulate illegal fishing structures along Manila Bay and its tributaries.

In a release, DENR Calabarzon claimed that small fishers will "benefit the most" once "illegal" fish cages, fish pens and baklad are removed from the waters of Cavite.





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"There are spaces in between fish cages and pens, however, the chances for our small fisherfolk to catch fish within those areas are little as most fish are already trapped in the said fishing structures," said Cynthia Rozaldo, Manila Bay Site Coordinating and Management Office-4 regional coordinator.

"The only places where small fisherfolk could have a good catch are in farther areas where big fishing structures are no longer present. It would cost them some gasoline going back and forth," she added.

Citing figures from local government units, DENR Calabarzon said there are 271 illegal aquaculture structures in Cavite City, 97 in Kawit and two in Noveleta for dismantling.

The DENR office will meet with LGUs, Philippine Coast Guard, Philippine National Police Maritime Group, Department of Public Works and Highways, and Philippine Navy on September 8 to finalize the composition of teams which will undertake the marking of illegal structures for demolition and discuss the schedule for the activity.

Source: <a href="https://www.philstar.com/headlines/2021/09/07/2125560/fishers-hit-planned-demolition-fish-pens-mussel-farms-manila-bay">https://www.philstar.com/headlines/2021/09/07/2125560/fishers-hit-planned-demolition-fish-pens-mussel-farms-manila-bay</a>





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# 'Calamity': Fisherfolk, families protest planned demolition of Manila Bay fish pens, mussel farms

Anjo Bagaoisan, ABS-CBN News Posted at Sep 07 2021 02:22 PM



A man swims to pass on a megaphone to another boat as fisherfolk from the Samahan ng Mangingisda sa Parañaque (PANGISDA-Pilipinas) stage a fluvial protest at the Manila Bay on Tuesday. *George Calvelo, ABS-CBN News* 

MANILA— A calamity akin to a typhoon.

This was how a fisherfolk leader described the planned dismantling of fish pens, fish cages, mussel farms and other fishing structures at the Manila Bay.

The Department of Natural Resources (DENR) had earlier put up notices in Cavite saying it would take down so-called illegal fishing structures beginning Tuesday as part of the Manila Bay's rehabilitation project.

This, even if its Calabarzon office said no dismantling would take place during the day.

But Gilbert Reyes, president of fishers group Pangisda Parañaque, outlined how the move would negatively impact their livelihood and families.

"Ang aming mga kabuhayan ay karugtong ng aming bituka sapagkat ang aming pamilya dito na nabuhay. Kung mawawala ang aming kabuhayan, e delubyo na talaga ito," said Reyes.

(Our livelihood is deeply connected to us because our families depend on this. If our livelihood would be taken away from us, then this is like a calamity.)

Reyes, who has been fishing for 4 decades in La Huerta, Parañaque, said many of them only know fishing as a source of income, noting that they would have difficulty finding other jobs amid the pandemic.

"Hindi man tayo pwedeng umasa sa ayuda. Magandang may ayuda, malaking bagay. Pero itong demolisyon na ito, hindi po ito kaaya-aya. Kagutuman, kahirapan ang dadanasin ng mamamayang mangingisda," he said.

(We cannot rely on financial aid alone, even if its intention is good. This demolition would spell hunger, poverty among us fisherfolk.)

Because of this, Reyes and around 50 others from his community—some with their families—staged a fluvial protest at the bay on Tuesday to show their opposition to the demolition announced to begin in Cavite the same day.

Over 15 boats gathered at the structures—locally called "tahungan" and "saprahan"—more than 3 kilometers from the shore at La Huerta before traveling back to shore.





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During the trip, participants held up placards and waved banners calling on the government to protect their livelihood and prioritize people over business in its rehabilitation of Manila Bay.

#### STRUCTURES A POLLUTION SOURCE, SAYS DENR

Reyes and his fellow fisherfolk have not received word about what would happen to their fish pens and mussel farms but they fear they would be next.

The DENR maintained that the structures not only lack permits but are also a cause of pollution in the bay especially during the rainy season.

"Yong kanilang mga bamboo doon, 'pag nasira ng bagyo lahat 'yan—wala na silang pakialam doon— aanurin na ng agos 'yon papunta sa Manila Bay," Environment Undersecretary Jonas Leones told reporters on Monday.

(They don't mind the destruction of their bamboo, most especially during typhoons. It only ends up being washed ashore in Manila Bay.)







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Leones added that some people have turned the structures into living quarters, thus dumping human waste and garbage in the water.

The fisherfolk, meanwhile, said they sometimes stay for longer periods at the "tahungan" so they could easily haul the fish or shellfish when they get bulk orders.

In a protest outside the DENR Monday, Salvador France, secretary general of fishers' group PAMALAKAYA said the mussel farms and fish pens have been there for years and contribute to the ecosystem instead of polluting it.

#### **PUBLIC AFFECTED**

Aside from the nearly 200 fisher families, hundreds of workers at the "bulungan" seafood market in La Huerta will also be affected.

For Reyes, the public should also join their opposition to the dismantling of fish pens and other structures at the bay.

He said while there are benefits to the planned rehabilitation and reclamation of Manila Bay, they are wary of its long-term effects if not done properly.

Among these are the food supply in the capital and surrounding areas.

"Kailangan tumutol din sila sapagkat ang aming mga nahuhuli na isda, mga shell na binebenta namin sa bulungan ay nag-aambag kami ng pagkain sa sambayanang Pilipino," Reyes said.

(They also have to join us with this because our catch is what they eat. We contribute to the food source of ordinary Filipinos.)

"Kung magkaroon ng demolisyon, ano pa ang makakain na mga sariwang isda, sariwang mga shell na nanggagaling dito sa Manila Bay at sa aming kabuhayan?"

(If the demolition happens, then what would they eat? Some of it comes from here.)

Since holding a protest at the shore last Thursday, Reyes said they have yet to receive a response from any government agency to their call for a dialogue.

The fishers' groups said they are willing to undergo the process of getting permits to operate the structures, which not only serve to cultivate shellfish but also provide homes for fish.

They are only asking authorities for time and materials to use to replace the structures if needed.

For now, Reyes said they would continue fishing and hauling shellfish there until they are able to talk to the government.

—With a report from April Rafales, ABS-CBN News

Source: <a href="https://news.abs-cbn.com/news/09/07/21/denr-hit-over-plan-to-dismantle-manila-bay-fish-pens">https://news.abs-cbn.com/news/09/07/21/denr-hit-over-plan-to-dismantle-manila-bay-fish-pens</a>





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# Fisherfolk claim demolition of fish pens at Manila Bay detrimental to fishing industry

SEP 7, 2021, 4:40 PM

Opinyon News Team News Reporter

Pamalakaya national chairman Fernando Hicap also said the move would directly affect at least 15,000 fishermen and coastal residents who are engaged in mussel or tahong and oyster or talaba aquaculture.

A fisherfolks' group has slammed the decision of the Department of Environment and Natural Resources' plan to demolish alleged "illegal" fishing structures in Manila Bay.

The demolition of "illegal" fish pens, which was reported to start today (September 7), is part of the department's Manila Bay's rehabilitation project.



NO TO DEMOLITION OF FISH PENS IN MANILA BAY. A group of fishermen from La Huerta, Paranaque City stage a fluvial protest today (September 7) .They were asking the Department of Environment and Natural Resources' (DENR) to stop from demolishing illegal fish pens in Manila Bay. PHOTO BY MIKE TABOY

But Gilbert Reyes, president of fishers group Pangisda Parañaque, outlined how the move would negatively impact their livelihood and families.

"Ang aming mga kabuhayan ay karugtong ng aming bituka sapagkat ang aming pamilya dito na nabuhay. Kung mawawala ang aming kabuhayan, e delubyo na talaga ito," Reyes said after his group of 50 fishermen staged a fluvial protest at the bay today.





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Over 15 boats gathered at the structures— locally called "tahungan" and "saprahan"— more than 3 kilometers from the shore at La Huerta before traveling back to shore.

#### Causing pollution?

The DENR, on the other hand, claimed that the structures are one of the chief causes of pollution at Manila Bay.

"Yong kanilang mga bamboo doon, 'pag nasira ng bagyo lahat 'yan—wala na silang pakialam doon— aanurin na ng agos 'yon papunta sa Manila Bay," Environment Undersecretary Jonas Leones told reporters on Monday.

Leones added that some people have turned the structures into living quarters, thus dumping human waste and garbage in the water.

The fisherfolk, meanwhile, said they sometimes stay for longer periods at the "tahungan" so they could easily haul the fish or shellfish when they get bulk orders.

#### Reclamation plan?

Meanwhile, militant fishermen's group Pambansang Lakas ng Kilusang Mamamalakaya ang Pilipinas (Pamalakaya) claimed the DENR's decision is just a precursor to a "massive" reclamation plan in Cavite province.

During their protest rally outside the DENR headquarters yesterday (September 6), Pamalakaya national chairman Fernando Hicap also said the move would directly affect at least 15,000 fishermen and coastal residents who are engaged in mussel or tahong and oyster or talaba aquaculture.

"Rehabilitating Manila Bay should be to restore its marine resources for the benefit of small fisherfolk. But the DENR's thrust says otherwise. The government's rehabilitation program has brought fear among the fishing and coastal population, because it's aim, is to actually destroy our livelihood and displace us from communities," Hicap said.

"The DENR would surely deny to high heavens that the real score behind the dismantling of fishing structures in Cavite is to pave way for reclamation projects that pose irreversible destruction not only to the livelihood of tens of thousands of fishing and coastal residents but also to the bay's marine biodiversity and ecosystem. Truth be told, the government's Manila Bay rehabilitation program is a sham and a sellout in disguise," he added.

Source: https://opinyon.net/national/fisherfolk-claim-demolition-of-fish-pens-at-manila-bay-detrimental-to-fishing-industry





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## 1,500 mussel farmers, fish pen operators apektado sa paglilinis ng DENR sa Manila Bay

September 7, 20211 min read

Nagsamasama ang mga mangingisda sa La Huerta, Parañaque sa pagsagawa ng isang fluvial protest sa kanilang mga fishing pen at mussel farms sa Manila Bay upang ipakita ang kanilang pagtutol sa planong pagtatanggal ng Department of Environment and Natural Resources ( diumano'y mga iligal na DENR sa fish pen at cage ng pangingisda. Nakatakdang simulan nitong Martes (07 Sept. 2021) mula sa Las Piñas hangang Cavite ang pagtatanggal ng DENR ng fish cages at iba pang uri ng aquaculture fixtures kung saan 1,500 mussel farms operators apektado ang may pa. Kiara Lauren Ibanez/BENJAMIN CUARESMA





Source: <a href="https://maharlika.tv/2021/09/07/1500-mussel-farmers-fish-pen-operators-apektado-sa-paglilinis-ng-denr-sa-manila-">https://maharlika.tv/2021/09/07/1500-mussel-farmers-fish-pen-operators-apektado-sa-paglilinis-ng-denr-sa-manila-</a>

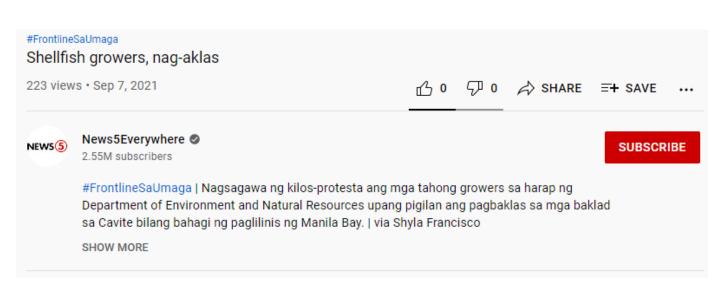
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Source: https://www.youtube.com/watch?v=Wqb48mZUclM&ab\_channel=News5Everywhere





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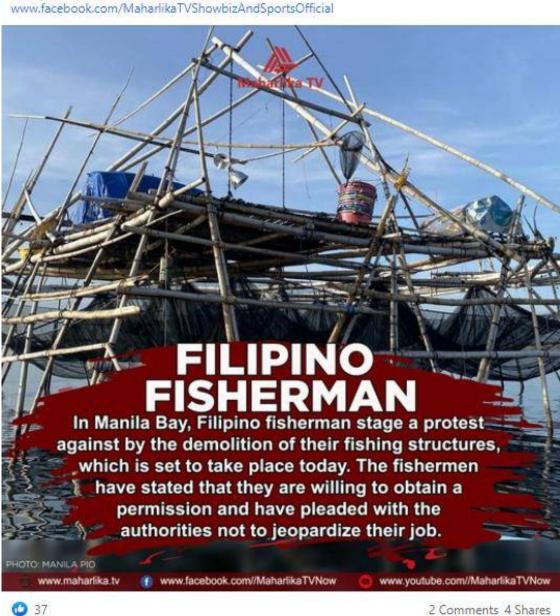


#### FILIPINO FISHERMAN

In Manila Bay, Filipino fisherman stage a protest against by the demolition of their fishing structures, which is set to take place today. The fishermen have stated that they are willing to obtain a permission and have pleaded with the authorities not to jeopardize their job.

For more News, Showbiz and Sports updates visit our official Social Media Accounts: www.maharlika.tv

www.facebook.com//MaharlikaTVNow www.youtube.com//MaharlikaTVNow



Source: https://www.facebook.com/2165747740135352/posts/4444255622284541/?app=fbl





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# SMC taps Singapore-based expert to protect Manila Bay's local, migratory bird population

BYJONATHAN L. MAYUGA SEPTEMBER 6, 2021



San Miguel Corp. (SMC), the proponent of the P735-billion Bulacan Airport Project, has tapped a Singapore-based bird expert to study and help protect the local and migratory bird populations that visit Manila Bay, including the coastal areas of Bulakan, Bulacan.

The company is now drawing up a comprehensive plan to protect local and migratory bird populations that regularly visit Manila Bay as part of the sustainability blueprint for its New Manila International Airport project.

Avian researcher Dr. Frank E. Rheindt, Associate Professor and Dean's Chair at the Department of Biological Sciences of the National University of Singapore has formulated a framework of recommendations on how to ensure the project can mitigate for negative impacts on local and migratory bird species, help support the declining global populations of shorebirds, and ensure the safety of aircraft from potential bird strikes, SMC President Ramon S. Ang said in a statement.

Among the key recommendations by Rheindt is to develop new and protected coastal areas that resemble mudflats—similar to Mai Po Reserve in Hong Kong—where migratory shorebirds can safely feed when they pass through the country for several weeks throughout the year.

Rheindt likewise identified suitable areas within a 10-kilometer radius of the airport, in Malolos, Paombong and Hagonoy, Bulacan, as the best options for suitable areas to serve as an offset.

"As with any project of this scale, we have to think of all the issues that impact our host communities, the environment, and the project itself. Birds are always a safety concern for airports around the world. But our goal here is to protect them, and there are several ways we can do that, while also ensuring safety at the airport," Ang said.

The consultant, however, came up with a report that tends to diminish the importance of protecting Manila Bay's native and migratory bird populations.

For instance, the report stated that though areas in and around the project site host dozens of bird species, few are critical from a conservation standpoint.

The report also pointed out that many of the critical species fall under the migratory shorebirds or waterbird category. "These birds are attracted to tidal mudflats or coastal wetlands—muddy land exposed during low tide—which serve as their feeding ground."

It says that during low tide, shorebirds go to these areas to feed, and during high tide, they move to higher areas—often freshwater ponds behind the foreshore—to roost.





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In the case of Bulakan, many migratory birds stay for only a couple of weeks throughout the year—usually in September or October and back around April or May, while others spend the winter in the area.

The report added that the declining shorebird populations are a global phenomenon, citing the case in East and Southeast Asia, wherein some of the most pronounced declines in these birds have been linked to recent vast development projects in the Yellow Sea of China and Korea.

"As such, even prior to the project, shorebird decline had already been observed in the Manila Bay over the years, and is consistent with shorebird population trends across the world," the statement read.

Nevertheless, Ang said the company is committed to protecting bird species and supporting this advocacy.

"We're considering and studying all his recommendations and will put together a plan that will align with the whole airport master plan," Ang said.

He added that even before Rheindt's research, a number of measures were already being considered by the airport development team, and these align with the expert's own recommendations. Among them, the use of fishponds managed specifically for shorebirds to supplement and—in part—replace tidal mudflats.

"For the airport, the study of the birds' feeding and roosting patterns and the identification of alternative sites is vital for their safety. The sites have to be close enough so as not to deviate from the birds' migratory patterns, but at the same time, far enough so that the safety of aircraft and airport operations will not be compromised," Ang said.

"There needs to be a right balance between developing the airport site, and protecting and enhancing the environment. We want to avoid the mistake of many developments, that's why we have put together the best team of local and foreign experts in various fields, from land development, environment management, airport design and construction, and urban master-planning, to help build this airport and aerocity development."

"The expertise of so many global players helping us build what will be our country's largest, most modern, and sustainable airport will make it truly world-class—something each and every Filipino will be proud of."

As part of its sustainability initiatives in the province, SMC is also putting together a plan to develop the initial 20 hectares of its proposed 80-hectare Paombong Mangrove Plantation & Sanctuary, that can host as many as 200,000 mangrove propagules.

Some 13,000 propagules are already in place in the coastal areas of Hagonoy and Obando.

The Paombong mangrove plantation is being planned in cooperation with the local government of Paombong, headed by Mayor Maryanne Marcos, the Department of Environment and Natural Resources, and the Bureau of Fisheries and Aquatic Resources.

SMC is also actively pursuing measures to address flooding in Bulakan and the adjacent municipalities, including the cleanup and dredging of major rivers and tributaries to enable floodwaters to flow out to the sea.

Source: https://businessmirror.com.ph/2021/09/06/smc-taps-singapore-based-expert-to-protect-manila-bays-local-migratory-bird-population/





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### Serpent Eagle nasagip ng mga magsasaka sa Pigcawayan Cotabato

By <u>Bombo Garry Fuerzas</u>

-September 8, 2021 | 1:42 AM

CENTRAL MINDANAO-Nailigtas ang isang crested serpent eagle ng mga magsasaka kamakailan sa Barangay Payong-Payong, Pigcawayan, Cotabato.

Bagaman kabilang sa 'least concerned' ang conservation status nito ay pinangangambahan pa din itong maging endangered kung patuloy na bababa ang kanilang populasyon.

Ayon kay Municipal Environment and Natural Resources Office o MENRO-Pigcawayan Head Joaquin Tacula, ang naturang agila ay namataan ng mga magsasaka sa kanilang sakahan na nanghihina at gutom.

Nakita din nila ito na tila bali ang pakpak kung kaya't kanila itong hinuli at ipinagbigay-alam sa MENRO.

Kahapon ay itinurn-over na ng MENRO-Pigcawayan ang crested serpent eagle sa Community Environment and Natural Resources Office o CENRO sa Midsayap, Cotabato upang mapagaling ito at maibbalik sa natural nitong tahanan.

Nabatid na ang bayan ng Pigcawayan ay isa sa mga maraming bayan sa North Cotabato na paboritong tirahan ng mga extinct na hayop dahil sa maganda nitong ecosystem.

Ilan lamang sa mga ito ay Tarsier at Pinkser's Hawk Eagle.

Source: <a href="https://www.bomboradyo.com/serpent-eagle-nasagip-ng-mga-magsasaka-sa-pigcawayan-cotabato/">https://www.bomboradyo.com/serpent-eagle-nasagip-ng-mga-magsasaka-sa-pigcawayan-cotabato/</a>





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# Mining firm seeks ECC for massive black sand mining in Lingayen Gulf

BYJONATHAN L. MAYUGA SEPTEMBER 7, 2021

An offshore mining firm is seeking to extract magnetite sand in the Lingayen Gulf covering five coastal towns in the Province of Pangasinan.

Iron Ore, Gold, and Vanadium Resources (Phils.) Inc.'s proposed Iron Ore Pangasinan Offshore Magnetite Mining Project in the municipalities of Sual, Labrador, Lingayen, Binmaley and City of Dagupan, is an environmentally critical project (ECP) that involves the massive extraction of metallic and non-metallic minerals, including extraction of oil and gas, the BusinessMirror learned.

The company is eyeing to extract magnetite, also known as black sand, a total of 9,252.4506 hectares in the next 33 years at an annual extraction rate of 25,000,000 dry metric tons.

The company is seeking an environmental compliance certificate from the DENR, which has scheduled the public scoping for the project via Zoom from September 13 to September 21, 2021.

The Zoom Meeting link and the schedule of the public scoping per municipality are listed below:

Meeting ID: 833 5348 8226

Passcode: Pangasinan

13 September 2021, Monday, 9:30 a.m., Municipality of Labrador

14 September 2021, Tuesday, 9:30 a.m., Municipality of Lingayen

15 September 2021, Wednesday, 9:30 a.m., Municipality of Sual

15 September 2021, Wednesday, 2:00 p.m., Government Agencies

16 September 2021, Thursday, 9:30 a.m., Municipality of Binmaley

17 September 2021, Friday, 9:30 a.m., City of Dagupan

The application for an ECC is part of the conduct of an Environmental Impact Assessment Study in compliance with the guidelines of the Philippine Environmental Impact Statement Systems or the PEISS.

The company claimed that the project is covered by Financial or Technical Assistance Agreement (FTAA) No. 07-2020-IOMR approved by the Office of the President on November 25, 2020.

The agreement between the government and Vanadium Resources grants the company exclusive rights to conduct mining operations for the extraction of magnetite sand in the area.

The proposed project aims to utilize the untapped magnetite deposits in the offshore areas of Lingayen Gulf, which the company said, would contribute to the local and national economic development through magnetite sand production and supply.

It also promised to generate employment and marketable mineral products that will generate revenues and associated taxes in favor of the government.

In addition, the company promised social and environmental to provide benefits to the host and local communities.





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In its proposal, the company shall consider the extraction of magnetite starting only within mine operational area from a distance of 4 kilometers away from shoreline located at Lingayen Gulf, Pangasinan to prevent or minimize the negative impact of disturbed sand on the quality of water that was traditionally used by the people for fishing.

"The extraction for magnetite sand will simply utilize a siphon vessel or an Extraction Platform. The extracted sand will then be temporarily stored, dewatered, and separated from the non-magnetic sands on board barges. All the processes for extraction will be strictly mechanical, no chemicals will be used. In addition, all phases of the operation, from the extraction up to the magnetic separation, will be done offshore. The process is smaller in scale compared to the extraction methods to be used inland," the company said.

According to the company, considering the project area coverage and based on other magnetite offshore deposits in the country, the potential magnetite resource at an assumed average thickness of 10 meters could be 1 billion cubic meters or 1.69 billion metric tons at 1.69 specific gravity of the materials.

"If this will be confirmed by the exploration activities to be implemented, the mine life at an extraction rate of 5 million tons per year will be about 33 years," it said.

Currently, there are no current estimates of mineral resource in the area as the project has not yet started the exploration activities.

However, the company stated that the Lingayen Gulf is a geologic structure that serves as the repository of sediments and minerals coming from the rivers that transport eroded materials from the highlands of the Cordillera Mountain ranges.

"As such, it is a geologically favorable environment for hosting sedimentary deposits that can be extracted profitably based on prevailing economic and market conditions for such minerals. There is a high likelihood that such economic deposits now exist in the area due to the increasing trend of the global demand for iron and steel," the company said.

Source: <a href="https://businessmirror.com.ph/2021/09/07/mining-firm-seeks-ecc-for-massive-black-sand-mining-in-lingayen-gulf/">https://businessmirror.com.ph/2021/09/07/mining-firm-seeks-ecc-for-massive-black-sand-mining-in-lingayen-gulf/</a>





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## This book teaches children to be environmental stewards

Published September 7, 2021, 12:50 PM by Noel Pabalate

With all the negative effects of climate change in different parts of the world such as sea levels rising, flooding, droughts, wildfire, strong natural disasters, among others, the future of our children is definitely at risk. Without a doubt, climate change threatens the young generation's life, health, education, and even dreams.

Now, it's our responsibility as stewards to instill in our kids the love for our planet to make sure that they will grow in a safe environment and achieve their goals one day. We should act now and rise to the challenge of global warming, where our children are one of the most vulnerable sectors of its harmful effect.



A father reads the children's activity book entitled "I am the Change in Climate Change" to his kids.

Aware of this responsibility and challenge, the Center for Art, New Venture & Sustainable Development (CANVAS), in collaboration with Ang Ilustrador ng Kabataan (Ang INK), recently published an activity book entitled "I am the Change in Climate Change" to help parents, educators, and guardians educate their children about this complex yet important issue.

"The book fits well and is consistent with CANVAS' interest in environmental issues," said CANVAS Executive Director Gigo Alampay. "It's grounded in science and also reassures children to realize that there are things they can do, even at that early age, to respond to and adapt to climate change."

Aiming to empower kids six to 12 years old, the author of the book Alyssa M. Peleo-Alampay, who has earned a Doctor of Philosophy in Earth Science at the University of California, San Diego, USA, didn't just present what climate change is, its history, causes, and effects, but also most importantly those simple day-to-day solutions that kids can do to help prevent extreme global warming.

Moreover, its age-appropriate contents and interactive activities, which are coupled with artistic and child-friendly illustrations, could pave the way to increase children's adaptive capacity and motivations to be environmental stewards in the community. Not to mention, it could raise a generation that could be capable of creating real change.





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Children play a dice board game found inside the activity book.

"I Am the Change in Climate Change" is available at <a href="www.lookingforjuan.com">www.lookingforjuan.com</a>. And every purchase is matched by a donation to two Filipino kids in disadvantaged communities through the online store's Buy 1, Donate 2 program, in support of CANVAS' One Million Books for One Million Filipino Children Campaign.

 $\textbf{Source:} \ \underline{https://mb.com.ph/2021/09/07/this-book-teaches-children-to-be-environmental-stewards/}$ 





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# Air quality improved slightly in 2020 during lockdowns, U.N. agency says

By Reuters - September 7, 2021 - 6:46 PM



Hong Kong skyline (Image by 12019 via Pixabay)

GENEVA — Key air pollutants temporarily plunged by unprecedented levels during coronavirus lockdowns last year, with fine particle pollution falling by more than a third across parts of Asia, a U.N. agency said on Friday.

Particulate matter (PM 2.5) fell by up to 40% across Africa, South America and Southern Asia and by smaller amounts in parts of Europe and North America, the World Meteorological Organization said in its inaugural Air Quality and Climate Bulletin.

It said COVID-19 lockdowns and travel restrictions led to a "dramatic short-lived fall in emissions" of key air pollutants, especially in urban areas.

"During episodes when there were lockdown measures the air quality in many parts of the world has substantially improved and the improvement was largely on the side of particles," said Oksana Tarasova, head of the organization's atmospheric environment research division.

The WMO bulletin, which compared 2020 air quality with 2015-2019 readings, showed that levels of harmful nitrogen dioxide emitted from the burning of fuel fell nearly everywhere and by as much as 70%.

Air pollution is the single greatest environmental risk factor for premature deaths globally. It is likely to reduce the life expectancy of about 40% of Indians by more than nine years, a report showed this week.

The decline in pollutants last year was too short-lived to have an impact on health, Tarasova said.

She cited events such as wildfires in Australia, smoke from biomass burning in Siberia and the United States, and the "Godzilla effect" of sand and dust drifting from the Sahara Desert across the Atlantic to North America as adversely impacting air quality.

The WMO bulletin also showed that ozone concentrations which can damage and inflame airways actually increased in some places last year. Tarasova said this was linked to lower nitrogen oxide levels which usually destroy the harmful gases. —Reporting by Emma Farge; Additional reporting by Stephanie Nebehay; Editing by Mike Harrison

Source: <a href="https://interaksyon.philstar.com/politics-issues/2021/09/07/199585/air-quality-improved-slightly-in-2020-during-lockdowns-u-n-agency-says/">https://interaksyon.philstar.com/politics-issues/2021/09/07/199585/air-quality-improved-slightly-in-2020-during-lockdowns-u-n-agency-says/</a>





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# UN climate chief: No country is safe from global warming

BYTHE ASSOCIATED PRESSSEPTEMBER 7, 2021

ROTTERDAM, Netherlands—The United Nations' top climate official urged governments on Monday to stop their "deferral and delay" tactics and instead embrace rapid, widespread measures to curb and adapt to global warming.

Amid a season of extreme weather and new temperature records, Patricia Espinosa warned that no nation is safe from the impacts of climate change. Greece on Monday created a new ministry to address the impact of climate change following the country's worst heat wave in decades.

"There is not anymore a situation where we can say these are the vulnerable countries and these are the not vulnerable countries," she said.

With less than three months to go before this year's U.N. climate summit, Espinosa appealed for governments that have signed up to the 2015 Paris accord to back what she called "ambitious, rapid, widespread, transformative efforts" to limit global temperature rise and prepare for the inevitable impacts of a warming world.

"We need to see that parties move beyond politics of deferral and delay and widen the narrow scope of self-interest," she said.

Espinosa's comments came at the opening of a new floating office for the Global Center on Adaption in the Dutch port city of Rotterdam.

Dutch Prime Minister Mark Rutte called the office "a perfect example of how we can adapt to the changing climate," noting that the building is off-grid, carbon neutral, self-sufficient and ready to adapt to future rising sea levels.

Such high-tech facilities are beyond the reach of millions in poorer nations, whose leaders have demanded that developed countries pay some of the costs they face in adjusting to climate change.

The president of Congo, Felix Tshisekedi, said he hoped the UN climate summit in November would see a commitment for rich nations to double their existing pledge of providing \$100 billion a year to developing countries to combat the effects of climate change.

Frans Timmermans, the European Commission vice president, called upon the United States to help meet the \$100 billion target—which itself is still \$30 million short.

China, one of the world's biggest polluters, should also increase its efforts to curb greenhouse gas emissions, said Timmermans, whose portfolio covers environmental issues. **AP** 

Source: https://businessmirror.com.ph/2021/09/07/un-climate-chief-no-country-is-safe-from-global-warming/





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### Climate pushes property insurance portfolio

<u>By Agence France-Presse</u> September 8, 2021

**LAUSANNE:** Climate change will help propel a threefold surge in property insurance premiums over the coming two decades, according to a study published on Monday by <u>Swiss Re</u>.

More frequent and stronger weather events, rising seas and wildfires driven by man-made changes to the world's climate will see demand for insurance protection for buildings and infrastructure grow faster than other segments of the industry, it said.

That trend will reinforce long-term shifts driven by urbanization and rising wealth in emerging economies, the company said in a report for the annual Rendezvous September reinsurance industry gathering in <u>Zurich</u>.

Swiss Re, which provides insurance for other insurance companies, set out to forecast the major trends driving the sector until 2040.

According to its study, while premiums in property and casualty reinsurance combined will more than double to \$4.3 trillion (3.6 trillion euros), those for property alone are set to almost triple.

At \$1.3 trillion in 2040, property-related premiums will account for 29 percent of all premiums collected, up from about 25 percent in 2020, it said.

With more people living in cities and growing wealth in emerging economies, more homes, rail lines, power stations and other critical infrastructure will need protection. Property premiums stood at around \$450 billion in 2020.

The share of premiums from motor insurance, on the other hand, is expected to decline to around 32 percent from 42 percent in 2020 even as the absolute number grows strongly.

On one hand, rising wealth in emerging economies will see more people who can afford a vehicle. On the other hand, technology - such as assisted driving - and new forms of mobility - scooters, e-bikes and pooled ownership - will reduce demand for insurance.

Motor insurance premiums are expected to double to around \$1.4 trillion from \$766 billion in 2020.

Source: <a href="https://www.manilatimes.net/2021/09/08/business/foreign-business/climate-pushes-property-insurance-portfolio/1813905">https://www.manilatimes.net/2021/09/08/business/foreign-business/climate-pushes-property-insurance-portfolio/1813905</a>





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# US-China friction complicates progress on climate

By Associated Press September 8, 2021

**BEIJING:** US climate envoy <u>John Kerry</u> came to <u>China</u> this week seeking to press the world's largest emitter of greenhouse gases to do more in the global effort to hold down the rise in temperature.

What he got was renewed demands for Washington to change its stance toward China on a host of other issues from human rights to Taiwan, the self-governing island that China claims.

The back and forth underscores a divide between the world's two largest emitters that is complicating chances for a breakthrough agreement on carbon reduction goals at COP26, a United Nations conference to be held in Glasgow, Scotland in November.

Both sides agree that climate is an area of joint interest, but while the US says they should cooperate despite their differences, China says the US cannot expect cooperation while also attacking it on other issues.

"The US side wants the climate change cooperation to be an 'oasis' of China-US relations," Foreign Minister <u>Wang Yi</u> told Kerry. "However, if the oasis is all surrounded by deserts, then sooner or later, the oasis will be desertified."

#### Limited mandate

Kerry told reporters in a conference call at the end of his visit that his mandate is limited to climate, but that he would convey the Chinese concerns to President <u>Joe Biden</u> and Secretary of State <u>Antony Blinken</u>.

The US envoy, himself a former secretary of state, discussed climate with Chinese counterpart Xie Zhenhua in the city of Tianjin, about 100 kilometers southeast of Beijing. But Chinese state media focused on his three video meetings with Wang and two other senior officials, reinforcing China's objections to America's approach to the overall relationship.

"They were quite pointed in talking about the difficulties that it presents," Kerry said. "They wanted the message to be heard. And it was, that there's great concern in China about this."

Chinese officials intended to make clear to the Biden administration that "it is impossible to gain China's cooperation on climate change while maintaining anti-China stances on major issues," said Shi Yinhong, professor of international relations at Beijing's <u>Renmin University</u>.

Kerry also held video meetings with top foreign policy adviser Yang Jiechi and Senior Vice Premier <u>Han Zheng</u>, one of seven members of the ruling Communist Party's all-powerful Politburo Standing Committee and head of a committee drawing up a plan to reach China's emission reduction targets.

China positioned itself as a leader on promoting renewable energy and reducing carbon emissions after former President Donald Trump withdrew the US from the 2015 Paris climate accord. China is a world leader in producing solar panels and wind turbines for renewable energy.





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However, its climate policies have come under increasing scrutiny following Biden's decision to rejoin the Paris Agreement and set a goal of cutting up to 52 percent US greenhouse gas emissions by 2030 - double the previous target - vaulting the US into the top tier of countries on climate ambition.

The sides have identified the climate crisis as an area for possible cooperation, but this week's meetings offered little indication of progress.

Kerry told Han that there was "no way" for the world to solve the climate crisis without China's "full engagement and commitment."

### Largest emitter

China is the world's largest emitter, producing an estimated 27 percent of global greenhouse gases, followed by the <u>United States</u>. China obtains roughly 60 percent of its power from coal and is opening more coal-fired power plants, while also committing to reducing its use of the fossil fuel.

The official Xinhua news agency quoted Han as telling Kerry that China had made "huge efforts" in tackling climate change and achieved remarkable results.

China "hopes the American side will create the appropriate circumstances for jointly tackling climate change based on the spirit of the conversations between their leaders," Xinhua quoted Han as saying.

China has set a target of generating 20 percent of its total energy needs from renewables by 2025, reducing total emissions starting from 2030 and becoming carbon-neutral by 2060.

Kerry is pushing China and other countries for more ambitious efforts to keep rising temperatures to no more than 1.5 degrees Celsius over pre-industrial levels.

He said that Chinese officials had raised concerns about US actions they see as harmful to overall emissions-reduction efforts, notably US sanctions on solar panels that the Biden administration believes China produces with the forced labor of ethnic minorities.

Those matters were up to Biden and Blinken, Kerry said, "but I will certainly pass on to them ... the full nature of the message that I received from these three leaders."

Source: <a href="https://www.manilatimes.net/2021/09/08/opinion/columns/us-china-friction-complicates-progress-on-climate/1813935">https://www.manilatimes.net/2021/09/08/opinion/columns/us-china-friction-complicates-progress-on-climate/1813935</a>





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# Climate action cannot wait for pandemic to end, medical journals warn

Agence France-Presse September 7, 2021 | 11:26am



A woman walks past a partial replica of the Earth during the IUCN congress in Marseille, southern France, on September 3, 2021, to urge world leaders to protect biodiversity on at least 50% of lands and oceans.

PARIS, France — Global warming is already affecting people's health so much that emergency action on climate change cannot be put on hold while the world deals with the COVID-19 pandemic, medical journals across the globe warned on Monday.

"Health is already being harmed by global temperature increases and the destruction of the natural world," read an editorial published in more than 220 leading journals ahead of the COP26 climate summit in November.

Since the pre-industrial era, temperatures have risen around 1.1 degrees Celsius (34 degrees Fahrenheit).

The editorial, written by the editors-in-chief of over a dozen journals including the Lancet, the East African Medical Journal, Brazil's Revista de Saude Publica and the International Nursing Review, said this had caused a plethora of health problems.

"In the past 20 years, heat-related mortality among people older than 65 years has increased by more than 50%," it read.

"Higher temperatures have brought increased dehydration and renal function loss, dermatological malignancies, tropical infections, adverse mental health outcomes, pregnancy complications, allergies, and cardiovascular and pulmonary morbidity and mortality."

It also pointed to the decline in agricultural production, "hampering efforts to reduce undernutrition."

These effects, which hit those most vulnerable like minorities, children and poorer communities hardest, are just the beginning, it warned.

As things stand, global warming could reach +1.5C on pre-industrial levels around 2030, according to the UN's Intergovernmental Panel on Climate Change.

And that, along with the continued loss of biodiversity, "risk catastrophic harm to health that will be impossible to reverse," the editorial warned.

"Despite the world's necessary preoccupation with COVID-19, we cannot wait for the pandemic to pass to rapidly reduce emissions."

In a statement ahead of the publication of the editorial, World Health Organization chief Tedros Adhanom Ghebreyesus said: "The risks posed by climate change could dwarf those of any single disease."





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"The COVID-19 pandemic will end, but there is no vaccine for the climate crisis.

"Every action taken to limit emissions and warming brings us closer to a healthier and safer future."

The editorial pointed out that many governments met the threat of COVID-19 with "unprecedented funding" and called for "a similar emergency response" to the environmental crisis, highlighting the benefits.

"Better air quality alone would realize health benefits that easily offset the global costs of emissions reductions," it read.

The authors also said "governments must make fundamental changes to how our societies and economies are organized and how we live."





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# Global societal cost of plastics placed at \$3.7 trillion

By Rhodina Villanueva (Philstar.com) - September 8, 2021 - 12:00am



The lifetime cost to society, the environment and the economy of plastics produced in 2019 alone has been revealed at \$3.7 trillion, according to the "Cost of Plastics" report.

MANILA, Philippines — The societal cost of plastics produced globally in 2019 was found to be \$3.7 trillion, a recent report published by the conservation group World Wide Fund for Nature (WWF) noted.

The lifetime cost to society, the environment and the economy of plastics produced in 2019 alone has been revealed at \$3.7 trillion, according to the "Cost of Plastics" report.

Ina Guingona, WWF-Philippines No Plastics in Nature policy officer, said, "The gigantic cost of plastics on society, environment and the economy is hard to comprehend even if we imagine it as being nearly 10 times the total GDP (gross domestic product) of the Philippines in 2019." She added, "Plastic pollution is more than just a littering problem and it is real, tangible – and as the report has shown – quantifiable cost to our society. And for countries like the Philippines, this is not an expense that we can afford to have."

The biggest portion of the cost indicated in the report is marine plastic pollution estimated at \$3.1 trillion. Greenhouse gas emissions from across the plastic lifecycle amounts to more than \$171 billion, while the management of plastic waste costs more than \$32 billion, to collect, sort, dispose and recycle the huge quantities of plastic waste generated in 2019.

"Plastic takes hundreds to thousands of years to fully degrade and as it degrades, it breaks down into smaller and smaller particles, making it hard to recover and remove plastic from the environment," the report said.

"Plastic will therefore remain in the environment to incur further costs. It is estimated that the plastic produced in 2019 that becomes marine plastic pollution will incur a cost of \$3.1 trillion over its lifetime," it added.

Unless action is taken, these costs are set to double for the plastics produced in 2040 at \$7.1 trillion, equivalent to 85 percent of global spending on health in 2018 and greater than the GDP of Germany, Canada and Australia in 2019 combined.

The report demonstrates that governments and citizens are unknowingly subsidizing a plastic system that is imposing countless negative impacts on people and the environment.





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The report "Plastics: The cost to society, environment and the economy" highlights how fragmented regulatory approaches, misplaced incentives as well as lack of coordinated technical resources, financial support and consistent data on plastic leakage are currently costing us the Earth.

"Failure to understand and remediate the real costs of plastic will cost even more in the future, as under a business-as-usual scenario it is estimated that by 2040 there will be a doubling of plastic production and a tripling of plastic pollution entering the ocean to 29 million tonnes, increasing the total stock of plastic in the ocean to 600 million tonnes," Guingona said.

To address this crisis on a systemic level and reduce the costs that plastic imposes on society, WWF is calling on governments to start the negotiation of a legally binding global treaty on marine plastic pollution at the fifth session of the UN (United Nations) Environment Assembly in February 2022.

Marco Lambertini, director general of WWF International, said, "This is the first time we have seen such a clear assessment of some of the unaccounted costs being imposed by plastic pollution on society and they are a burden that is too high to bear – both for people and the environment."

"Tragically, the plastic pollution crisis is showing no signs of slowing down, but the commitment to tackle it has reached an unprecedented level. We need a UN treaty on plastic pollution that unites governments, companies and consumers around clear targets for reduction, collection, recycling and sustainable alternatives to stop plastic leakage into the environment by 2030," he added.

In the Philippines, WWF is calling for the enactment of House Bill 9147 or the Single-Use Plastic Products Regulation Act which was passed at the House of Representatives on third reading last July 28, 2021.

The bill includes the Extended Producer Responsibility scheme that holds plastic producers accountable for the plastic packaging they put into the market throughout the whole life cycle of the product.

#### Limit temperature rise

Meanwhile, with extreme weather events increasingly impacting countries across the world, the UN underlined the importance of limiting temperature rise to the internationally agreed goal of 1.5 degrees Celsius above pre-industrial levels.

"The entire planet is going through a season of fire and floods," UN deputy secretary-general Amina Mohammed told a high-level meeting on climate action, primarily hurting fragile and vulnerable populations in rich and poor countries alike.

Speaking ahead of COP26, the annual UN climate conference which will take place in Glasgow in November, the deputy UN chief noted already-visible impacts with a 1.2-degree rise.

"Countries and populations worldwide – particularly those most vulnerable and least responsible for the climate crisis – will experience even more devastating consequences," she said.

"The effects will reverberate through economies, communities and ecosystems, erasing development gains, deepening poverty, increasing migration and exacerbating tensions."





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With "bold and decisive steps" towards a net-zero global economy by 2050, Mohammed said the world could still limit global warming to within 1.5 degrees.

"Acting now is a question of climate justice. And we have the solutions," she added.

While a "massively scaled-up investment" in adaptation and resilience is "critical" for those at the frontlines of the climate crisis, she informed the meeting that to date, only 21 percent of climate finance is channelled to adaptation efforts.

"Of the \$70 billion that developing countries need now to adapt, only a fraction is being provided," the deputy UN chief stated, adding that adaptation costs to the developing world could rise to as much as \$300 billion a year by 2030. – Pia Lee-Brago

Source: https://www.philstar.com/headlines/2021/09/08/2125572/global-societal-cost-plastics-placed-37-trillion/amp/





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# Plastic pollution: Could recycling PPE reduce the problem?

By Paul Pigott BBC News

Published 13 hours ago

Discarded face masks could be melted down and recycled to help tackle plastic pollution.

It is estimated 129 billion single-use face masks are used monthly around the world, with 55 million a day in the UK.

The Welsh government has set a target on creating <u>no waste in Wales by 2050</u> and a recycling expert wants the NHS to set an example by recycling PPE.

One Welsh firm is now working to turn hospital waste into new masks with 65% recycled materials.

Old PPE like face masks, which people in the UK go through about 19 billion every year, is currently incinerated - producing climate-warming carbon emissions - or sent to landfills.

- Step-by-step guide to making your own face mask
- Small changes you can make for a greener life
- · Hermit crabs mistake plastic pollution for food

Mat Rapson, managing director of Cardiff-based Thermal Compaction Group - or TCG, said was a "huge problem".

"We use 55 million masks a day in the UK and globally the figure is 129 billion masks, a lot of which is being discarded into landfills," he said.

#### How does it work?



TCG's managing director Mat Rapson said old methods of disposing of PPE are a "huge problem"

TCG is already working with seven hospital trusts across the UK, which are using thermal heating devices to melt down PPE.

The firm heats single-use masks, gowns and curtains to 300C, sterilising all pathogens, and is recycling 300,000 defective masks each month, which would have otherwise been incinerated or sent to landfill.

It turns them into 1m-long blocks that are 99.6% polypropylene - made up of about 10,000 masks - which can be used to make products such as plastic chairs, buckets and toolboxes. "If a mask goes into landfill, or worse beaches or rivers, it takes 450 years to decompose," Mr Rapson said.

"It's ridiculous. We're just discarding these single-use disposable items, but they're not single-use, they can be recovered and remade multiple times.





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"The ideal is that all hospital PPE waste gets recovered and made back into masks for hospitals."



Linda Ball hopes the deal with TCG will get the process going in six months

Linda Ball, chief executive of Upcycled Plastics, said the firm was making masks using plastic waste recovered from the sea.

She said the manufacturing process resulted in a 36% reduction in carbon emissions, and she believed the NHS, the UK's largest user of disposable PPE, could cut its impact significantly by switching to recycled PPE.

She said: "The biggest problem that we have in the medical industry is single-use plastic.

"If we keep buying stuff from China and bringing it over here, the amount of carbon usage is insane."

She said recycling masks, however, was a challenge as the ear hoops, the filter and the nose piece are often made from different types of plastic.



Dr Rob Elias said materials need to be simplified to scale up recycling

Dr Rob Elias, director of the Biocomposites Centre at Bangor University, said all PPE should be made in a way that it can be easily recycled, with one type of material making it "a heck of a lot easier to recycle in the future."

He said polypropylene in a mask can be recycled "five to six times" before it breaks down, but the challenge is "these recycling processes tend to be quite small at the moment, so they lack the scale".

"When you scale up the production process, you get massive energy savings."

But Dr Elias said it was a "great example" of the circular economy, where single-use products like disposable masks are put back into the economy for reuse instead of being thrown away. That is one of the key goals of the Welsh government's **Beyond Recycling strategy**, which aims to have no waste produced in Wales by 2050.





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#### What is the solution to plastic pollution from PPE?

Prof Gary Walpole, director of the Circular Economy Innovation Community Project at Swansea University, said recycling was something we should be doing an "awful lot more of" and public sector bodies such as the NHS could set an example by recycling PPE.

"The basic premise of circular economy is to keep all products within the circular loop as long as possible," he said.

"There's a lot of energy that goes into creating products like plastic, so the longer you can keep that plastic in use, by reusing it, the less energy use, the less raw material use, and therefore the less carbon you emit."

But Prof Walpole said getting the private sector to adopt this approach on a wider scale was difficult.

He said one possible way forward would be to have the Welsh government mandate large organisations, such as the NHS and local authorities, into making the change.

"The public services buy a lot of goods and services, so it's a good place to start a different way of thinking," he said.

"This particular company is taking plastic products from the NHS

It was also one solution to an increase in litter during the pandemic, including face masks and disposable gloves, **according to Keep Wales Tidy**.

The campaign group said there has been a "significant and widespread increase in personal protective equipment being littered all over the country", posing a danger to wildlife and public health.

Mr Rapson said: "Plastic's not the problem, it's the infrastructure and we have one of the solutions here in Wales.

"Plastic is not disposable, it's not single use, we can actually embrace plastic and use it multiple times."

The Welsh government said: "We are aware of the TCG Sterimelt proposals and welcome innovation from industry to tackle the challenges of single-use plastics in healthcare settings as we move towards a circular economy by 2050."

Source: <a href="https://www.bbc.com/news/uk-wales-57687261">https://www.bbc.com/news/uk-wales-57687261</a>

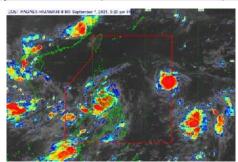




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# Jolina slams Luzon; Kiko enters PAR

Romina Cabrera - The Philippine Star September 8, 2021 | 12:00am



As Jolina made its way to Luzon, tropical cyclone Kiko (international name Chantu) entered the Philippine area of responsibility yesterday, packing maximum sustained winds of 85 kilometers per hour near the center and gustiness of up to 106 kph.

MANILA, Philippines — Severe Tropical Storm Jolina is expected to bring heavy to torrential rain over Southern Tagalog as it crosses Luzon today, according to the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

As Jolina made its way to Luzon, tropical cyclone Kiko (international name Chantu) entered the Philippine area of responsibility yesterday, packing maximum sustained winds of 85 kilometers per hour near the center and gustiness of up to 106 kph.

Kiko was forecast to move northwestward but will likely remain far from the Philippine landmass.

It is expected to intensify into a severe tropical storm category today and reach typhoon category by tomorrow due to favorable environmental conditions.

Kiko is unlikely to bring significant amounts of rain, but Tropical Cyclone Wind Signal No. 1 is not yet ruled out over extreme Northern Luzon.

PAGASA said Jolina would bring heavy to intense and at times torrential rain Albay, Camarines Norte, Camarines Sur, Catanduanes, Marinduque, Masbate, Occidental and Oriental Mindoro, southern Quezon, Romblon and Sorsogon.

Meanwhile, moderate to heavy and at times intense rain can be expected over Aurora, Calabarzon (Cavite, Laguna, Batangas, Rizal and Quezon) and Western Visayas as well as in Metro Manila.

Widespread flooding and rain-induced landslides are possible, especially in high-hazard areas.

As of 4 p.m. yesterday, Jolina was spotted 60 kilometers west of Masbate City, packing maximum sustained winds of 100 kph near the center and gustiness of up to 125 kph.

Tropical cyclone wind signal No. 2 was raised over the western portion of Albay, southern portion of Batangas, western portion of Camarines Norte, western and southern portions of Camarines Sur, Laguna, Marinduque, Masbate including Ticao and Burias Islands, Oriental Mindoro, central and southern portions of Quezon, Rizal, Romblon and Sorsogon.

Gale-force to storm-force winds are likely to occur in areas under wind signal No. 2, which may damage structures and vegetation.

PAGASA said that Jolina would move generally northwestward traversing the Sibuyan Sea toward the southern Quezon-Marinduque area.

Jolina is expected to traverse over Tayabas Bay and make another landfall over the southwest portion this afternoon.





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It will also pass through Calabarzon and Central Luzon today until tomorrow before exiting the landmass.

Jolina is expected to weaken into a tropical storm category due to frictional effects. It will emerge over the West Philippine Sea before noon tomorrow and is forecast to strengthen as it moves over West Philippine Sea.

### Be vigilant

The National Disaster Risk Reduction and Management Council (NDRRMC) urged the public to remain vigilant and take precautionary measures during the typhoon.

NDRRMC regional units were reminded to continue monitoring weather updates and implement preparedness measures based on the prescribed protocols.

Residents in typhoon-affected areas were reminded to brace for destructive winds, floods and landslides due to continuous rain.

"The public is advised to monitor weather updates, take precautionary measures, heed evacuation notices issued by their local officials, follow warnings and advisories and observe minimum health protocols against COVID," the NDRRMC said.

The Philippine National Police ordered its officers and men in Bicol and Eastern Visayas to remain alert and assist local government units affected by the typhoon.

Meanwhile, the Department of Social Welfare and Development (DSWD) is ready to provide relief assistance in areas affected by Jolina.

"Our help from the DSWD is already prepositioned, our centers are ready in case we need to evacuate," presidential spokesman Harry Roque said as he appealed to the public to follow health protocols in evacuation centers to prevent the spread of COVID.

#### 18 missing

Eighteen fishermen were reported missing in Samar provinces while almost 2,000 passengers were stranded in Bicol when Jolina made landfall yesterday morning, according to the Philippine Coast Guard (PCG).

PCG spokesman Commodore Armand Balilo said the agency's Eastern Visayas station reported that 12 of the fishermen went missing in the waters off Sierra town in Western Samar; four in Motiong and two in Catbalogan, both in Samar.

As of yesterday afternoon, Balilo said the PCG had yet to confirm the number of missing fishermen.

Balilo said there were 1,946 passengers stranded in some ports of Eastern Visayas and the Bicol region after sea operations were suspended.

He said 1,441 passengers were stranded in six ports in Eastern Visayas due to "rough to very rough" sea condition and 505 others in Bicol's 12 ports due to "moderate to rough" sea condition.

Balilo said 17 vessels and 682 rolling cargoes were stranded in Eastern Visayas and Bicol.

Aside from the missing fishermen and stranded passengers, no other untoward maritime incidents were reported due to Jolina.

The travel suspension remained in effect as of yesterday afternoon and would be lifted once the weather improves. – Robertzon Ramirez, Helen Flores, Michael Punongbayan, Emmanuel Tupas

Source: https://www.philstar.com/headlines/2021/09/08/2125587/jolina-slams-luzon-kiko-enters-par



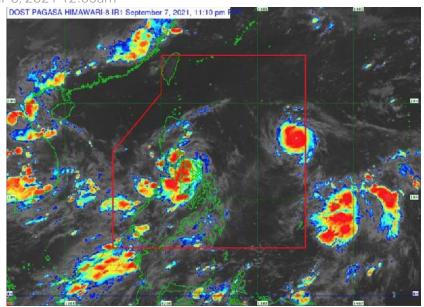


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# Signal No. 2 hoisted over Metro Manila, 15 areas as Jolina moves west northwestward

By MA. ANGELICA GARCIA, GMA News

Published September 8, 2021 12:05am



In the next 24 hours, PAGASA said heavy to intense with, at times, torrential rains will be experienced over Masbate, Romblon, Marinduque, Quezon, Batangas, and Laguna, while moderate to heavy with, at times, intense rains will be likely over Metro Manila, Aurora, Bulacan, Cavite, Rizal, Oriental Mindoro, Occidental Mindoro, northern Palawan, the rest of Bicol Region, and Western Visayas.

Tropical Cyclone Wind Signal (TCWS) No. 2 is raised over 16 areas in Luzon as Severe Tropical Storm Jolina continue to move in the west northwest direction over the Sibuyan Sea toward the Marinduque-Banton Island area, PAGASA said Tuesday night.

In its 11 p.m. Severe Weather Bulletin, PAGASA said the center of Jolina was located 50 kilometers north northeast of Romblon, Romblon with maximum sustained winds of 100 km per hour near the center, gustiness of up to 125 kph, and central pressure of 996 hPa. It is moving northwestward at a speed of 15 kph.

TCWS No. 2 is up over the following areas:

- Romblon
- the northwestern portion of Masbate (Aroroy) including Burias Island
- Marinduque
- the western section of Camarines Sur (Del Gallego, Lupi, Ragay, Libmanan, Sipocot, Cabusao, Pasacao, Pamplona, Gainza, Camaligan, Canaman, Magarao, Bombon, Naga City, Pili, Iriga City, Milaor, San Fernando, Minalabac, Bula, Nabua, Baao, Balatan, Bato, Ocampo)
- the northern and central portions of Oriental Mindoro (Bansud, Gloria, Pinamalayan, Pola, Socorro, Victoria, Puerto Galera, San Teodoro, Baco, City of Calapan, Naujan)
- the northern portion of Occidental Mindoro (Abra de Ilog, Paluan) including Lubang Islands
- Quezon including Polillo Islands
- Batangas
- Cavite
- Laguna
- Rizal
- Metro Manila





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- Bulacan
- Pampanga
- Bataan
- the southern portion of Zambales (San Marcelino, San Antonio, Castillejos, Subic, Olongapo City)

Meanwhile, TCWS No. 1 is hoisted over the following:

#### **LUZON**

- La Union
- the southern portion of Benguet (Sablan, Tublay, Bokod, La Trinidad, Baguio City, Itogon, Tuba, Kapangan, Atok)
- the southern portion of Nueva Vizcaya (Alfonso Castaneda, Dupax del Norte, Dupax del Sur, Aritao, Santa Fe, Kayapa), the southern portion of Quirino (Nagtipunan)
- the southern portion of Aurora (Dipaculao, Baler, Maria Aurora, San Luis, Dingalan)
- Pangasinan
- Tarlac
- · Nueva Ecija
- · the rest of Zambales
- Camarines Norte
- the rest of Camarines Sur
- Albay
- Sorsogon
- the southwestern and central portions of Masbate (Mandaon, Baleno, Cawayan, Milagros, Dimasalang, Uson, Balud, City of Masbate, and Mobo) including Ticao Island
- · the rest of Oriental Mindoro
- · the rest of Occidental Mindoro

#### **VISAYAS**

- the northwestern portion of Antique (Caluya)
- Aklan
- Capiz
- the northeastern portion of Iloilo (San Dionisio, Batad, Estancia, Carles, Balasan, Sara)

#### Hazards, rainfall

In the next 24 hours, PAGASA said heavy to intense with, at times, torrential rains will be experienced over Masbate, Romblon, Marinduque, Quezon, Batangas, and Laguna, while moderate to heavy with, at times, intense rains will be likely over Metro Manila, Aurora, Bulacan, Cavite, Rizal, Oriental Mindoro, Occidental Mindoro, northern Palawan, the rest of Bicol Region, and Western Visayas.

"Under these conditions, scattered to widespread flooding (including flash floods) and raininduced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps," PAGASA said.

Damaging gale-force to storm-force winds are also likely to occur in areas under TCWS No. 2, which may bring generally light to moderate damage to structures and vegetation.

Strong winds (strong breeze to near gale conditions) with occasional gusts will also be experienced in areas under TCWS No. 1, which may result in very light damage to structures and vegetation.





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Coastal areas of localities under TCWS may also experience coastal flooding due to hazardous surf conditions, PAGASA added.

Further, PAGASA said Jolina will also bring rough to very rough seas (2.5 to 5.0 meters) over the seaboards of areas under TCWS No. 2 in the next 24 hours.

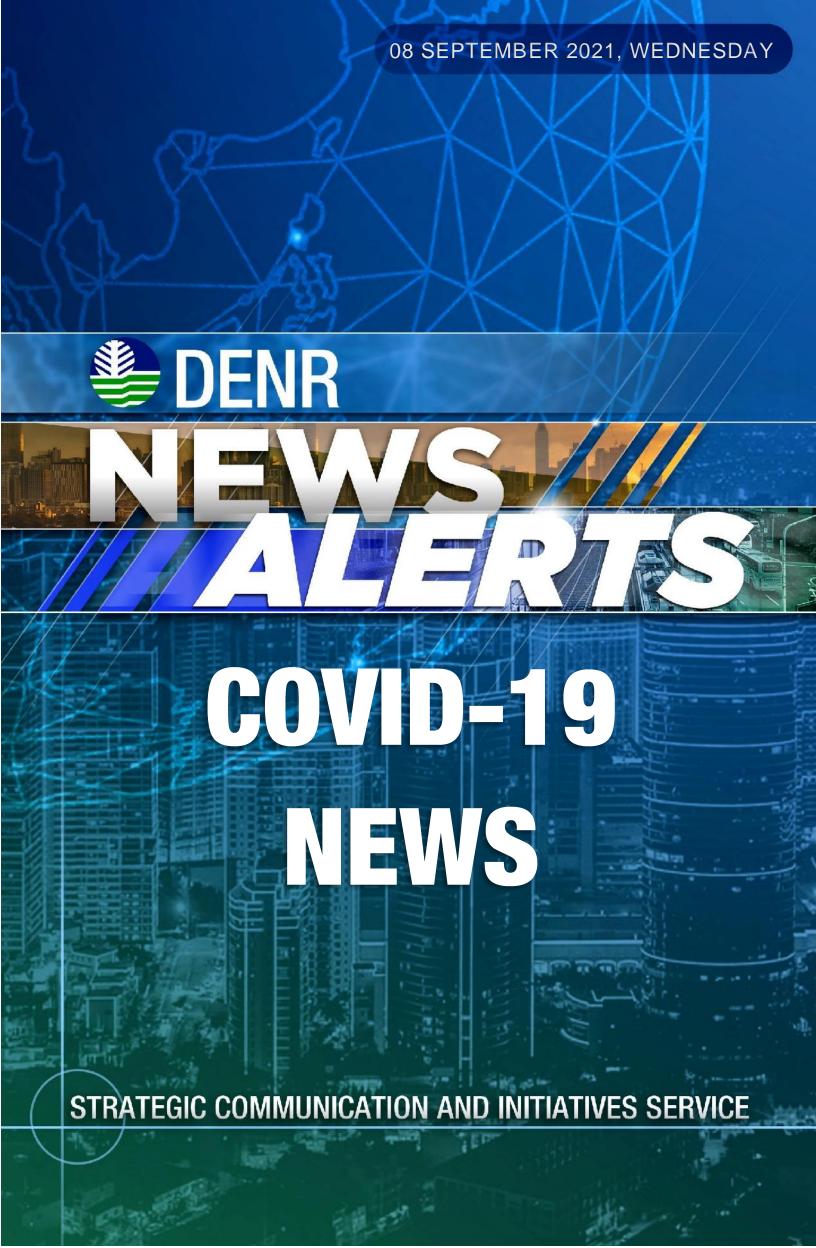
"Sea travel is risky for all types of seacrafts over these waters. Mariners without the proper experience should immediately seek safe harbor," PAGASA warned.

Moderate to rough seas (1.2 to 2.8 m) will prevail over the seaboards of areas under TCWS No. 1 and the remaining seaboards of Visayas.

"Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea. Inexperienced mariners should avoid navigating in these conditions," PAGASA advised.

PAGASA said Jolina is forecasted to make landfall or pass very close to the vicinity of Marinduque on Wednesday morning. -- BAP, GMA News

 $Source: \underline{https://www.gmanetwork.com/news/scitech/weather/802474/signal-no-2-hoisted-over-metro-manila-15-areas-as-jolina-moves-west-northwestward/story/?fbclid=IwAR07YYBCuX4eFOQBLOPUFnegJIOFUXdYilWdhHElgTdbxomVSTpIybGtlcQ}$ 







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# IATF keeps NCR under MECQ

Under MECQ, the operations of restaurants with indoor or al fresco services, and establishments offering personal care services, are prohibited

Published 6 hours ago on September 8, 2021 12:30 AM

By MJ Blancaflor @tribunephl\_MJB



Metro Manila will remain under modified enhanced community quarantine (MECQ) until next week after the pandemic task force postponed the imposition of a new lockdown scheme in the capital region, Malacañang announced Tuesday.

The Inter-Agency Task Force (IATF) on the Management of Emerging Infectious Diseases deferred the pilot test of general community quarantine (GCQ) with an "alert level system" in the metro upon the recommendation of experts and mayors — a day before its supposed implementation.

"Metro Manila's current risk classification as MECQ shall be maintained until 15 September or until the pilot GCQ with alert level system is implemented, whichever comes first," said presidential spokesperson Secretary Harry Roque.

Under MECQ, the operations of restaurants with indoor or al fresco services, and establishments offering personal care services, are prohibited.

Churches were also ordered physically closed, with religious services limited to online video recording and transmission. Necrological services, wakes, inurnment, and funerals for those who died of Covid-19 will not be allowed.

Immediate family members of the deceased need to show "satisfactory proof" of their relationship with the person and have to comply with the minimum public health standards, Roque said.

Earlier in the day, the Palace official said the guidelines for the new lockdown scheme in Metro Manila will be announced soon, noting that the government has yet to finalize the set of rules as it awaits inputs from local officials.

Roque expressed hopes the new quarantine strategy will be effective in controlling the spread of Covid-19, while allowing more establishments to reopen.

Under GCQ with an alert level system, the national government and local officials were expected to prohibit the travel of people — including essential workers — within establishments, streets, and villages with rising Covid-19 cases and health care utilization rates.

Cash aid shall be provided to affected residents during the lockdown.





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Restaurants and churches in Metro Manila areas not under such a scheme were expected to reopen to a limited number of people, while establishments deemed non-essential will remain prohibited in the entire region.

The government has long relied on region-wide or city-wide lockdowns, which proved detrimental to the economy.

The Palace floated the new scheme as Philippine authorities logged over 20,000 additional Covid-19 cases for four consecutive days, with poor and jobless Filipinos pleading for more government aid.

So far, the Philippines has detected 2.12 million coronavirus infections, with over 158,000 active cases.

The surge in Covid-19 cases has alarmed health officials, who also noted that the occupancy rates of hospitals in Metro Manila have been increasing in recent weeks.

In the capital region, 75 percent of intensive care unit beds, 63 percent of isolation beds, 74 percent of ward beds, and 64 percent of ventilators were already used.

At the national level, 76 percent of ICU beds, 67 percent of isolation beds, 74 percent of ward beds, and 58 percent of ventilators were all occupied, based on the health department's data.

Source: https://tribune.net.ph/index.php/2021/09/08/iatf-keeps-ncr-under-mecq/





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# GCQ sa NCR binawi, MECQ pa rin hanggang September 15

By Malou Escudero (Pilipino Star Ngayon) - September 8, 2021 - 12:00am



Authories monitor Brgy. 177 in Caloocan City which is placed under granular lockdown due to COVID-19 cases on Sept. 6, 2021.

MANILA, Philippines — Ipinagpaliban ng Inter-Agency Task Force (IATF) on Emerging Infectious Diseases ang pilot implementation ng General Community Quarantine (GCQ) with Alert Levels System sa National Capital Region (NCR).

Ayon ka Presidential Spokesperson Harry Roque, ang kasalukuyang risk classification na Modified Enhanced Community Quarantine (MECQ) ay mananatili hanggang Setyembre 15, 2021 o hanggang sa ipatupad ang pilot GCQ with Alert Level System.

Nilinaw ni Roque na hindi pa rin papayagan sa NCR ang indoor at al-fresco dine-in services, at personal care services kabilang ang mga beauty salons, beauty parlors at nail spas.

Papayagan ang mga religious services sa pamamagitan ng online video recording at transmission.

Samantala, papayagan ang mga miyembro ng pamilya na dumalo sa mga necrological services, wakes, inurnment at funerals basta't hindi COVID-19 ang sanhi nang pagkamatay. Kailangan ding magpakita ng katibayan na kamag-anak ang namatay at dapat ipatupad ang minimum public health standards.

Source: <a href="https://www.philstar.com/pilipino-star-ngayon/bansa/2021/09/08/2125675/gcq-sa-ncr-binawi-mecq-pa-rin-hanggang-september-15/amp/">https://www.philstar.com/pilipino-star-ngayon/bansa/2021/09/08/2125675/gcq-sa-ncr-binawi-mecq-pa-rin-hanggang-september-15/amp/</a>





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# Philippines sees 18,012 more COVID-19 cases, 13 labs without data

Philstar.com September 7, 2021 | 4:00pm



At least 700 market vendors line-up to receive their first dose of the Sinovac COVID-19 vaccine at the Bayombong public market in Bayombong, Nueva Vizcaya on Sept. 6, 2021.

The STAR / Victor Martin

MANILA, Philippines — Health authorities on Tuesday reported 18,012 more coronavirus cases a day before the country eases quarantine restrictions.

Today's figures pushed the country's total to 2,121,308. Active cases were also down by 996 from the 159,633 on September 6. The Department of Health said 13 laboratories did not submit test results.

Active cases: 158,637 or 7.5% of the total

Recoveries: 18,945, bringing the number to 1,928,173

Deaths: 161, or now 34,498 in total

#### Unemployment down, inflation up

The Philippines' unemployment rate eased to <u>6.9% in July</u>, translating to 3.07 million against the 8.7% in April or 4.57 million individuals out of work. The quality of jobs available, however, deteriorated.

Inflation, meanwhile, was up to <u>4.9% year-on-year in August</u>. That rate stood out faster than the 4% the government was expecting for last month.

The World Health Organization said the country should improve its COVID-19 data for its planned "granular" lockdown starting September 8 in Metro Manila to work.

Courts in Metro Manila, except the Supreme Court, will remain <u>physically closed</u> until end-Septembr despite the capital region shifting to a lower quarantine classification.

The Manila Police District <u>arrested</u> two people allegedly manufacturing and selling fake COVID-19 vaccine cards as well as negative swab test results.

Source: <a href="https://www.philstar.com/headlines/2021/09/07/2125486/philippines-sees-18012-more-covid-19-cases-13-labs-without-data">https://www.philstar.com/headlines/2021/09/07/2125486/philippines-sees-18012-more-covid-19-cases-13-labs-without-data</a>





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## WHO backs localized lockout

Abeyasinghe said that among the information needed are the number of patients, tests, positivity rates, severity of infections, clusters of cases and their locations

Published 7 hours ago on September 8, 2021 12:20 AM

By Jom Garner



World Health Organization (WHO) representative to the Philippines Dr. Rabindra Abeyasinghe (File photo)

Government's deffered decision to impose localized lockdowns while easing community quarantines in areas least affected by Covid-19 drew backing from the World Health Organization (WHO).

WHO country representative Dr. Rabindra Abeyasinghe cautioned, however, in an interview that granular lockdowns must be accompanied by "updated" and "accurate" data.

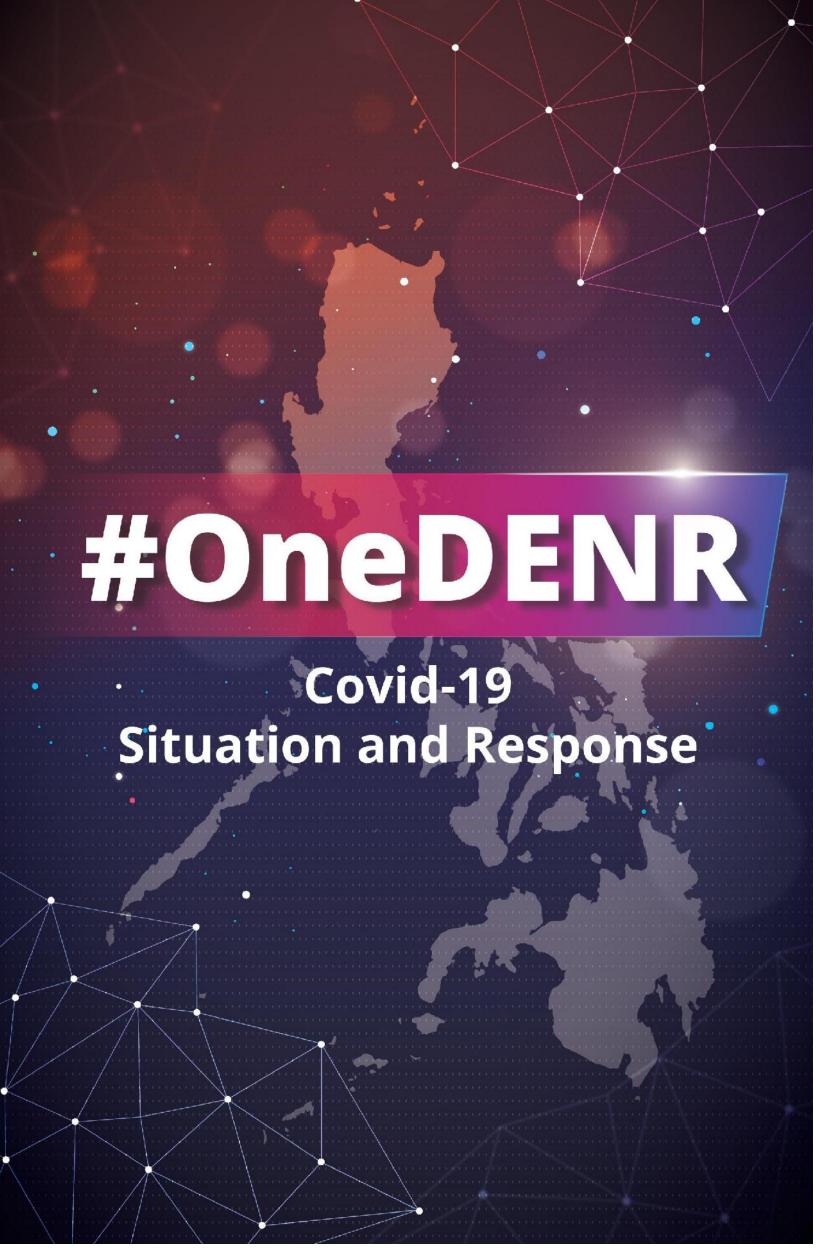
"Those actions need to be influenced by very accurate, very up-to-date data because, otherwise, we could end up in a situation whereby the granular lockdowns do not give us the results that we need," he added.

Abeyasinghe said that among the information needed are the number of patients, tests, positivity rates, severity of infections, clusters of cases and their locations, and where are the granular lockdowns should be imposed.

Most of the data can only be generated through "strong" contact tracing which has remained as the country's "weakest" link in its pandemic response, the WHO official said.

On Monday, the Philippines reported an additional 22,415 Covid-19 cases — the highest single-day tally since the pandemic started last year.

Source: https://tribune.net.ph/index.php/2021/09/08/who-backs-localized-lockout/



## **DENR-CO COVID-19 Monitoring**

Residence of affected personnel





Data on COVID-19 include reported cases of DENR employees (Permanent, Contract of Service/Job Order, Support Staff (Triumph/Security)) as collected by the Contact Tracing Team of DENR Central Office.

Total

Active

Recovered

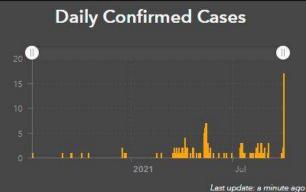
**Deaths** 

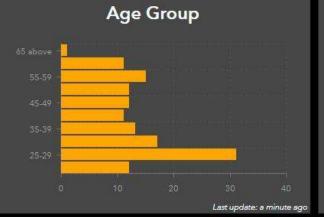
Last update: a minute ago

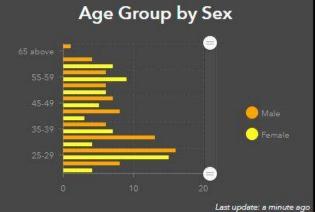
**DENR-CO** 

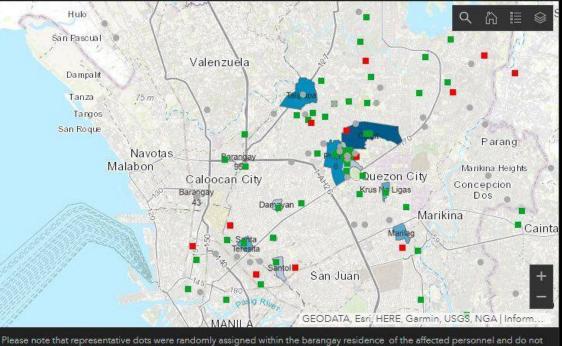
9.4%











necessarily provide exact location/ addresses of the cases.

**Health Status** 

Last update: a minute ago



With 28.77% No information 16.44%

Comorbidity

Without 54.79%

Last update: a minute ago



Developed by the DENR Statistics and Data Resource Management Division (SDRMD) - Knowledge Information Systems Service. To report data discrepancies and for any inquiries email us at sdrmd@denr.gov.ph

Map Legend





# SETYEMBRE 7, 2021

Para sa kumpletong detalye at impormasyon, bisitahin lamang ang aming pampublikong site: https://ncovtracker.doh.gov.ph/

PORSYENTO NG AKTIBONG KASO

7.5%

158,637

PORSYENTO NG GUMALING

90.9%

TOTAL NG GUMALING 1,928,173

PORSYENTO NG NAMATAY

**TOTAL NG NAMATAY** 34,498

MGA BAGONG KASO 18,012

MGA BAGONG GUMALING 18,945

MGA BAGONG NAMATAY 161

KABUUANG BILANG NG KASO

2,121,308

### MGA NAGPOSITIBO HULING SETYEMBRE 5

**DATOS NGAYONG SETYEMBRE 7 AYON SA REPORTS NOONG SETYEMBRE 5** 

PORSYENTO NG MGA **NAGPOSITIBO** 

57,180

TINEST

HALOS

95.4%

ANG MILD AT **ASYMPTOMATIC** NA KASO!



## KABUUANG PILIPINAS

PUNO NA BA ANG ATING MGA OSPITAL?

ICU BEDS (4.2K TOTAL BEDS) 76% Utilized ا حاصا سا

ISOLATION BEDS (20.8K TOTAL BEDS) ے در سا سا

WARD BEDS (15.3K TOTAL BEDS) 74% Utilized 

VENTILATORS (3.3K TOTAL VENTILATORS)

100 100 100 100 100

58%

67% Utilized

## NATIONAL CAPITAL REGION

PUNO NA BA ANG ATING MGA OSPITAL?

ICU BEDS (1.4K TOTAL BEDS) 75% Utilized المناها عمامه

ISOLATION BEDS (4.6K TOTAL BEDS) 

WARD BEDS (4.2K TOTAL BEDS) 

VENTILATORS (1.2K TOTAL VENTILATORS) (m) (m) (m)

64%

KALAGAYAN NG MGA **AKTIBONG KASO** 

Mild 92.0%

3.4% Asymptomatic

0.7% Critical

1.4% Severe

2.49% Moderate

KASANGGA NG BIDA

## UPDATE AND MESSAGE OF THE DAY

63% Utilized

Obligasyon natin bilang mamamayang Pilipino na <u>pangalagaan ang kaligtasan</u> ng isa't-isa, kaya't sunding mabuti ang <u>Minimum</u> Public Health Standards upang matugunan ang obligasyong ito. Para sa proteksyon ng ating mga tahanan, agad na makipag-ugnayan sa BHERTS o sa One COVID Referral Center na maabot sa 1555, (02)886-505-00, 0915-777-7777, o sa 0919-977-3333, kung makaramdam ng anumang sintomas.

Para sa iba pang pangangailangang medikal, puntahan ang http://bit.ly/DOHTelemedicine upang malaman kung papaano maabot ang serbisyo ng ating Telemedicine Service Providers, at ang http://bit.ly/DOHHospitalHotlines para maabot ang ating mga ospital sa lalong mabilis na panahon.



lhahanap ka namin ng lugar para mag-isolate o magpagamot, tumawag lang sa sumusunod:

SMART: 0919 977 3333 GLOBE: 0915 777 7777 TEL NO: (02) 886 505 00



May tanong ukol sa COVID-19? I-chat na si KIRA! VIBER: Kira Kontra COVID by DOH MESSENGER: Department of Health PH

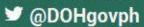
KONTRACOVID PH: kontracovid.ph



Manatiling ligtas! I-download ang StaySafe App O Gamiting ang WEBAPP at pumunta sa Staysafe.ph

MAYROON PANG KATANUNGAN? SUMANGGUNI LAMANG SA SUMUSUNOD:

f OfficialDOHgov







# **DISCHARGE AND RECOVERY CRITERIA**

PARA SA MGA PASYENTENG **NAGKAROON NG COVID-19** 

f OfficialDOHgov y @DOHgovph @ doh.gov.ph J (02) 894-COVID / 1555

### DISCHARGE AND RECOVERY CRITERIA PARA SA MGA COVID-19 PATIENTS



Paano madedeklara na "recovered" na ang isang pasyente mula sa sakit na COVID-19?





Ayon sa World Health Organization (WHO), at Center for Disease Control (CDC) ay maaari nang madeklarang recovered ang pasyente kung:



## DISCHARGE AND RECOVERY CRITERIA PARA SA MGA COVID-19 PATIENTS



Sa Pilipinas ay pinatagal pa natin nang hanggang 14 na araw mula sa paglabas ng sintomas upang makasiguro na "recovered" na ang pasyente!





# Para sa mga dating symptomatic patients o mga pasyenteng nagpakita ng sintomas:



# DISCHARGE AND RECOVERY CRITERIA PARA SA MGA COVID-19 PATIENTS



# Para naman sa mga asymptomatic o walang pinakitang sintomas ngunit nag-positibo sa RT-PCR:



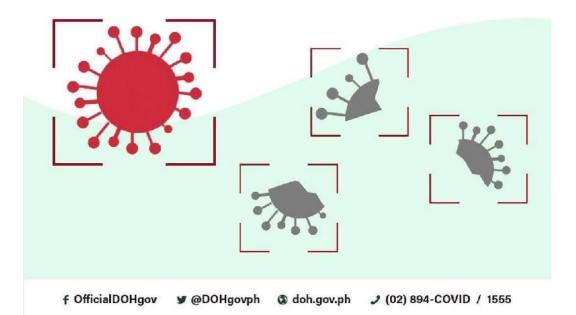




# DISCHARGE AND RECOVERY CRITERIA PARA SA MGA COVID-19 PATIENTS

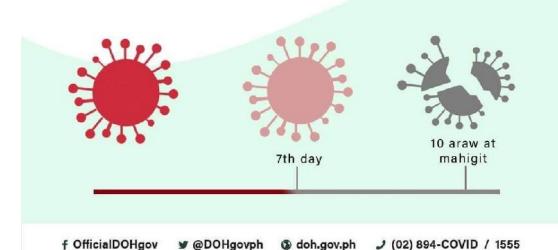


Sa ating Expanded Testing, RT-PCR ang ating ginagamit dahil kaya nitong tukuyin ang virus. Ngunit natutukoy din nito ang mga maliliit na bahagi ng patay na virus sa katawan ng pasyente.





Ayon sa mga bagong pag-aaral ng WHO, CDC, at Singapore Ministry of Health, ang virus ay nakakahawa lamang bago o hanggang sa lumabas ang sintomas ng pasyente. Sa ika-pitong araw nito sa katawan, higit na bumababa ang tyansa nitong makahawa. Tuluyan na itong hindi nakakahawa pagsapit ng ikasampung araw at higit pa.



### DISCHARGE AND RECOVERY CRITERIA PARA SA MGA COVID-19 PATIENTS



Upang makasiguro tayo na **hindi na** nakakahawa ang pasyente ay pinapahaba pa natin ang isolation period hanggang 14 na araw





Kaya naman, hindi na kinakailangang sumailalim sa mandatory repeat testing ang mga suspect, probable, at confirmed COVID-19 cases. Maaari silang mag-positibo sa RT-PCR, ngunit hindi ibig sabihin nito ay nagdadala pa sila ng nakakahawang virus.



f OfficialDOHgov 💆 @DOHgovph 🐧 doh.gov.ph 🥒 (02) 894-COVID / 1555







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https://www.youtube.com/watch?v=XmHr\_MDUNH4&ab\_channel=KUYABOKVlogs







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https://www.youtube.com/watch?v=MXGXFi8KBhw&ab\_chan nel=KUYABOKVlogs







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https://www.youtube.com/watch?v=E8eE8Llr214&ab\_channel= KHOPARSVLOG







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https://www.youtube.com/watch?v=\_rmq7QF4Ts&ab\_channel=KuyaSam



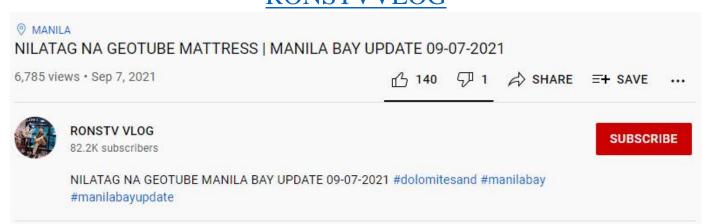




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https://www.youtube.com/watch?v=o\_cDfIJ2akw&ab\_channel= RONSTVVLOG



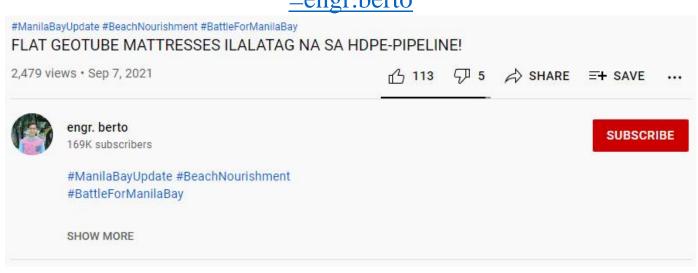




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https://www.youtube.com/watch?v=dom5IY86WjI&ab\_channel = engr.berto







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| Dogo               | Foaturo Articlo |



<u>https://www.youtube.com/watch?v=Gsy3Yyo\_aPg&ab\_channel</u> =engr.berto



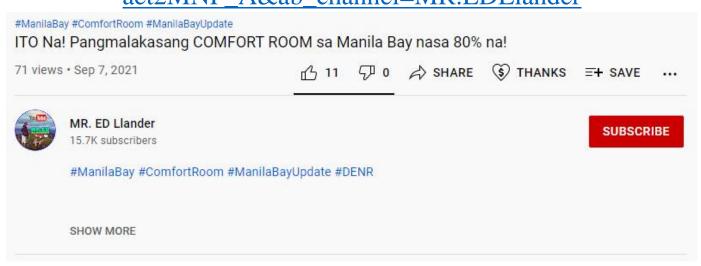




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https://www.youtube.com/watch?v=taet2MNF\_A&ab\_channel=MR.EDLlander







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https://www.youtube.com/watch?v=5w5yvuiWJTM&ab\_channel=JANICELLANDERVlog

#BeachNourishment #DolomiteWhiteSand #Savemanilabay
NAKU PO! ANO MERON BAKIT ANG DAMING BARKONG PAIKOT IKOT SA MANILA BAY SEPT.
07,2021

589 views • Sep 7, 2021

\*\*JANICE LLANDER Vlog\*\*
18.4K subscribers

#BeachNourishment
#DolomiteWhiteSand
#Savemanilabay
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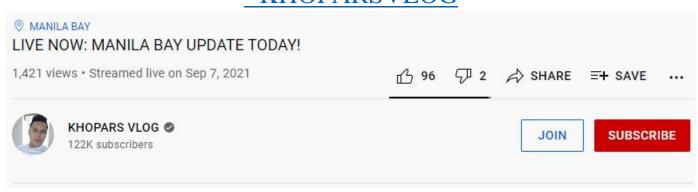




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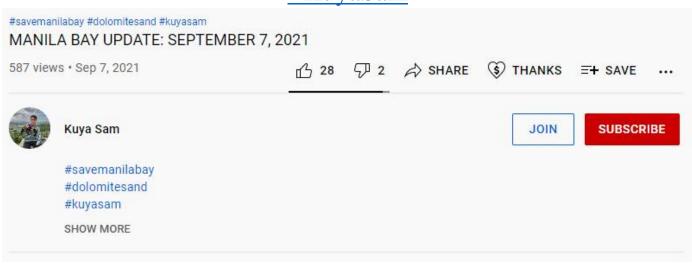




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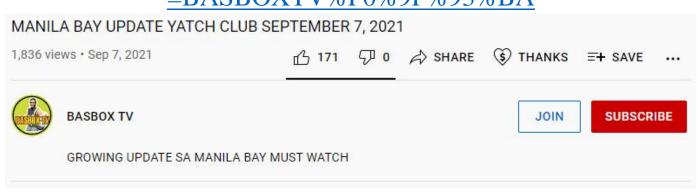




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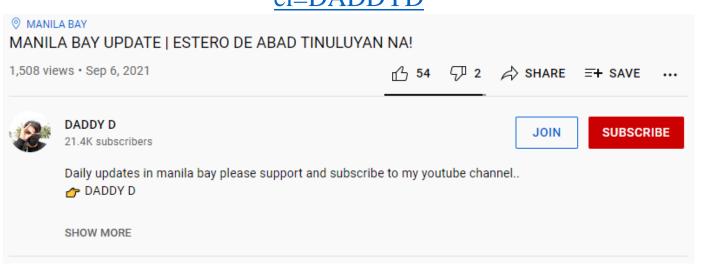




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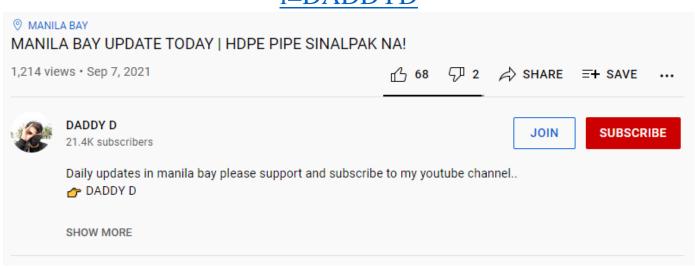




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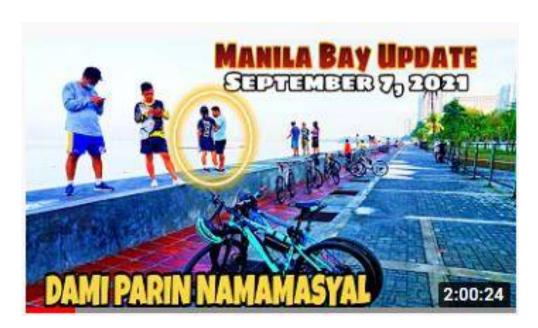
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