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Manila Bay needs STP, says Villar

posted November 11, 2020 at 10:20 pm

by [Macon Ramos-Araneta](#)

Recognizing the importance of Manila Bay to Filipinos, Senator Cynthia A. Villar underscored the need for a Sewerage Treatment Plan (STP) to help clean and save the bay.

Villar issued the statement as the Department of Environment and Natural Resources (DENR) plans to build the solar-powered Sewerage Treatment Plant (STP) at Baywalk area in Malate, Manila.

The STP, which is capable of catching and treating 500,000 liters of wastewater per day from the drainage outfalls of Padre Faura, Remedios, and Estero de San Antonio Abad, was inaugurated last July 30 by DENR Secretary Frank Cimatú and MMDA Chair Gen. Danilo Lim.

DENR plans to install additional solar-powered STPs to handle wastewater from Parañaque River, Tullahan-Tinajeros River, and Las Piñas-Zapote River

Villar, chair of the Senate Committed on Environment and Natural Resources (DENR), said this is a “welcome development” to improve the waters of Manila Bay.

“We should all do our part, not just whenever we can, but as much as we can. All over the world, many things are happening due to environmental destruction, degradation and neglect,” said Villar.

Also, as chairperson of the Committee on Agriculture and Food, Villar said that many fishermen depend on Manila Bay for their livelihood. This is the source of fish supply for the National Capital Region (NCR), Camanava (Caloocan, Malabon, Navotas, Valenzuela) and some parts of Cavite and Bataan.

Manila Bay has 1.7 million hectares drainage area with 17 river systems draining into it. Villar made it her advocacy to work with local government units (LGUs) to maintain the cleanliness of rivers within their municipalities to contribute to Manila Bay’s protection and preservation

Villar noted that the Philippines is the third biggest source of plastic leaking into the oceans, after China and Indonesia.

Villar has been leading clean-up activities along the coastal areas of Manila Bay. Clean activities that the senator spearheaded include activities in Obando, Bulacan; Lubao, Pampanga; Orani, Bataan; Kawit, Cavite; Baseco and the Las Piñas Parañaque Wetland Park.

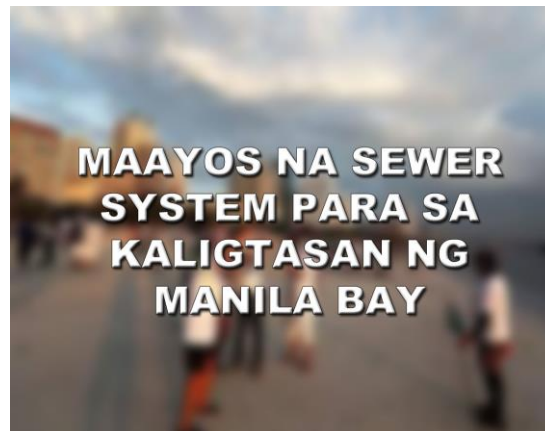
The senator also lauded the increasing number of Manila Bay protectors who have been vigilant. She said these are being led by the 13 so-called “mandamus agencies” directed by the Supreme Court through a writ of continuing mandamus to rehabilitate, restore and conserve Manila Bay.

The 13 Mandamus agencies are: DENR, DILG, DepEd, DOH, DA, DPWH, DBM, Philippine Coast Guard (PCG), Philippine National Police-Maritime Group (PNP-MG), Philippine Ports Authority (PPA), MMDA, Metropolitan Waterworks and Sewerage System (MWSS) and Local Water Utilities Administration (LWUA). Almost all of which are also part of the Manila Bay Task Force.



MAAYOS NA SEWER SYSTEM PARA SA KALIGTASAN NG MANILA BAY

20 hours ago [jake](#)



IGINIIT ni Senator Cynthia A. Villar ang kahalagahan ng Sewerage Treatment Plan (STP) upang malinis at mailigtas ang Manila Bay na aniya'y mahalaga sa buhay ng mga Pilipino.

Magtatayo ang Department of Environment and Natural Resources (DENR) ng solar-powered Sewage Treatment Plant (STP) sa Baywalk area sa Malate, Manila.

Pinasinayaan nina DENR Secretary Roy Cimatu at MMDA Chair Gen. Danilo Lim noong July 30 ang STP na may kapasidad na kumuha at mag-ayos kada araw ng 500,000 litro ng wastewater mula sa drainage outfalls ng Padre Faura, Remedios at Estero de San Antonio Abad.

Ayon sa DENR, maglalagay sila ng karagdagang solar-powered STPs para sa wastewater mula Parañaque River, Tullahan-Tinajeros River at Las Piñas-Zapote River.

Sinabi ni Villar, chair ng Senate committee on environment and natural resources na isa itong “welcome development” upang mapabuti ang tubig ng Manila Bay.

“We should all do our part, not just whenever we can, but as much as we can. All over the world, many things are happening due to environmental destruction, degradation and neglect,” ayon Villar.

Bilang chairperson din ng committee on agriculture and food, ipinahayag ni Villar na maraming mangingisda ang umaasa ng kanilang kabuhayan sa Manila Bay. Ito ang pinagkukunan ng suplay ng isda sa National Capital Region (NCR), Camanava (Caloocan, Malabon, Navotas, Valenzuela) at ilang bahagi ng Cavite at Bataan.

Ang Manila Bay ay may 1.7 million hectares drainage area na may 17 river systems.

Sa pakikipagtulungan sa local government units, adbokasiya ni Villar na panatiliing malinis ang mga ilog sa kanilang bayan upang makatulong sa pangangalaga at pagpapanatiling maayos ang Manila Bay.

“Plastic wastes ang isa sa pinaka-malubhang nakapipinsala sa ating kapaligiran at pumapatay sa mga yamang dagat. Alam natin lahat iyan dahil sa lahat ng mga cleanups, puro plastic wastes ang nako-collect natin,” ayon sa senator.

Sinabi ni Villar na pangatlo ang Pilipinas, kasunod ng China at Indonesia, sa pinakamaraming plastic na pumupunta sa karagatan.

Pinangungunahan ni Villar ang cleanup activities sa coastal areas ng Manila Bay. (ESTONG REYES)

Source: http://saksingayon.com/news-break/maayos-na-sewer-system-para-sa-kaligtasan-ng-manila-bay/?utm_source=ReviveOldPost&utm_medium=social&utm_campaign=ReviveOldPost&fbclid=IwAR1Bhj2OcoNXGmcu_tZl1U0BJPqC0xhiz_qqhfJ71Dp_wviQHvJfVmW49Gk



Baseco residents resilient amid Typhoon Ulysses

By Marita Moaje **November 11, 2020, 10:07 pm**



UNBOTHERED. Children continue to play in Baseco compound in Tondo on Wednesday (Nov. 11, 2020) despite rains brought by Typhoon Ulysses. Storm Signal No. 3 is hoisted in Metro Manila and nearby provinces. (Photo by Mannix)

MANILA – Residents of Baseco compound facing Manila Bay seem unbothered despite Tropical Cyclone Wind Signal No. 3 hoisted in Metro Manila and nearby regions due to Typhoon Ulysses.

“Malakas din ang hangin at me ulan pero hindi naman totally nakakatakot. Okay lang naman yun (The wind is now getting strong and rains but it is not totally frightening. Nothing to worry),” said Manilyn Macasero, who has sari-sari store near the seaside.

Children seem unmindful of the upcoming typhoon as they continue to play outside while enjoying the rains and splash of the waves hitting the sea wall.

“Hindi naman kami natatakot, nasanay na. Pag lumalakas kasi tumitigil din naman siya (We are not afraid, we’re used to it. Even if it (wind) is strong, it eventually stops),” said Maria Liza Espinosa, a fishball vendor.

Based on the latest weather bulletin of the Philippine Atmospheric, Geophysical and Astronomical Services Administration, Typhoon Ulysses has further intensified while heading towards the Quezon-Aurora area.

Heavy to intense, with at times torrential rains, will be experienced over Camarines Norte, Camarines Sur, Metro Manila, Calabarzon, Aurora, Bulacan, Pampanga, and Bataan.

“Ulysses” packs maximum sustained winds of 140 kilometers per hour near the center and gustiness of up to 195 kph. while moving westward at 20 kph.

Manila city government suspended classes at all levels both in public and private schools until Thursday.

The Manila Disaster Risk Reduction Management Office (MDRRMO) with the help of some barangay officials has conducted pre-emptive evacuation in low lying area, including some barangays in Baseco, Tondo.

Residents from Smokey Mountain have also been evacuated by the MDRRMO.

The MDRRMO has also ordered the removal of all bill boards and signages.

Vegetable vendor Rebecca Serapia has decided to loan her vegetables so that she can go home early.

“Pauwi na kami. Matumal po, pinautang lang namin tinda naming gulay para me masingil kami bukas, wala kaming ibibili ng bigas pag hindi nagtinda. Kahit me bagyo tuloy ang trabaho para me makain araw araw (We are now going home. Sales are slow and we only loaned our vegetables so that tomorrow at least we can get their payment. We won’t have any money to buy rice if we don’t work. Even if there’s a storm, we have to work so we can buy something to eat),” Serapia said. (PNA)

Source: <https://www.pna.gov.ph/articles/1121544>



Baseco gets access to clean water supply with 2 new water treatment systems

Published November 11, 2020, 9:49 PM

by [Minka Klaudia Tiangco](#)

Baseco Compound, one of the largest and densest slums in Manila, gained access to clean water supply with two new water treatment systems given by a Danish foundation.



(Photo from Grundfos Foundation/ MANILA BULLETIN)



(Photo from Grundfos Foundation/ MANILA BULLETIN)

The new water treatment systems can help provide up to 4,000 liters of clean water per hour and has a total production capacity of 96,000 liters per day. This will enable more than 4,000 locals per day to receive safe water for drinking and hand washing.

The Grundfos systems were launched on October 29 in Baseco Compound. Representatives from the community, Grundfos Philippines, and ASSIST attended the event.

Grundfos Foundation Executive Director Kim Nøhr Skibsted said seeing the water and sanitation requirements of Baseco Compound has been an “eye-opener” for the group, inspiring them to help more communities get access to clean water.

“Critical life sources such as clean water and sanitation facilities have always been imperative. It is needed now more than ever as lack of access to these basic needs may bring greater health risks to communities and make them highly susceptible to the spread of diseases such as COVID-19,” she said.

Meanwhile, Grundfos Philippines General Manager Jonathan Breton underscored how the water treatment systems can help residents of the compound gain skills through livelihood training.



“These water systems are not only sustainable with respect to the environment but will also ensure financial stability of its operations through the social enterprises being built around it. This will in the long-run support its operations and provide livelihood opportunities for the residents of Baseco,” he said in a statement.

The Kabalikat sa Pag-unlad ng Baseco People’s Organization will be leading a community cooperative of water business and health-related livelihood such as soap-making. Net proceeds from these activities will go to information campaigns and trainings in the community.

Grundfos Philippines and ASSIST said they are working on scaling up this project by installing more water purification systems in Baseco along with other partners.



PANOORIN: Malakas na alon sa Manila Bay dulot ng Bagyong Ulysses

ABS-CBN News

Posted at Nov 12 2020 12:01 AM

MAYNILA - Ramdam na ng iba't ibang lugar sa Pilipinas ang malakas na hangin at ulan dala ng Bagyong Ulysses.

Malakas na din ang hampas ng alon sa Manila Bay.



Ayon sa PAGASA weather bureau, nag-landfall na ang bagyo sa malapit sa bayan ng Patnanungan sa Quezon province nitong Miyerkoles alas 10:30 ng gabi.

Ang hangin malapit sa sentro ng bagyo ay may lakas na 140 kph habang may lakas na 195 kph ang bugso nito.

Si Ulysses ang ika-21 na bagyo na pumasok sa Pilipinas ngayong taon.--**May ulat ni Zhander Cayabyab, ABS-CBN News**



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Sexagenarian in Leyte plants 10K mangroves

By Roel Amazona November 11, 2020, 2:24 pm



MANGROVE PLANTER. Gary Dabasol, the man who planted 10,000 mangrove trees behind his house in Matalom, Leyte. His effort has been appreciated by netizens. (Photo courtesy of Dan Niez)

TACLOBAN CITY – For eight years now, a 65-year-old man in Matalom, Leyte has planted about 10,000 mangroves along a coastal area at the back of his house.

Gary Dabasol, jobless, has been planting mangroves in Punong village because he was worried of the danger of big waves especially during typhoons.

In doing so, he just gathered mangrove seedlings along the coastline in their village. Among the mangrove species that he planted include miyapi, pagatpat, and bakawan.

"I'm glad that I was able to inspire people, I hope that they will also follow what I am doing. I also want to contribute to higher marine production by cultivating a spooning area for fish, crabs, and shrimps and other species," Dabasol said in an interview on Wednesday.

The story of Dabasol was shared by netizen Dan Niez from Hilongos town, who visited the coastal area of Matalom last week to unwind.

Niez said the last time he went to the area several years ago, the place was just an open space along the shoreline.

He was surprised that during his visit last week, there are full-grown mangroves planted along the coastline.

"When I posted it, many people reacted especially millennials and praised Tatay Gary for what he did. I think they were inspired, and I hope they are inspired because planting 10,000 mangroves is not that easy," Niez said.

"I hope that the government will also help him because what he did is extraordinary. It is not usual for one person to have this kind of initiative," Niez added.

He added that the youth should follow the example of Dabasol and make him a role model in protecting the environment and marine ecosystem.

Since Niez posted the story of Dabasol on October 25, it already earned more than 3,000 likes and over 3,000 shares.

According to the website of the Department of Environment and Natural Resources, mangrove forest is also known as the "rainforest of the sea." It grows well in tropical countries and is an important part of the coastal and marine ecosystem that includes the seagrass and the coral reefs.

Of the world's more than 70 mangrove species, around 46 species are known to occur in various parts of the country. (PNA)

Source: <https://www.pna.gov.ph/articles/1121468>



NegOcc sugar maker plant adopts anti-pollution measures

By Nanette Guadalquiver **November 11, 2020, 3:20 pm**



ENVIRONMENTAL UPGRADE. Victorias Milling Company (VMC) distillery plant manager Sherwin Bacanto discusses with visiting reporters on Tuesday (Nov. 10, 2020) the environmental compliance measures being implemented at the alcohol production facility in Barangay Purisima, Manapla, Negros Occidental. Sugar producer VMC Inc. has invested some PHP200 million so far for the plant's environmental upgrade. (PNA photo by Nanette L. Guadalquiver)

MANAPLA, Negros Occidental – The management of the Victorias Milling Company (VMC) distillery plant in Barangay Purisima here has adopted various measures to prevent pollution as the alcohol production facility resumed operations in recent weeks.

Plant manager, Engineer Sherwin Bacanto said after the plant shut down in June to start the environmental upgrade, they calibrated and tested the system in September and started production again in October.

The facility is designed to produce 60,000 liters of ethyl alcohol per day, but production is still currently at 85 percent.

“We’re not only for the production, we make sure every day that we pass the environmental compliance standards,” Bacanto told reporters from Bacolod during a tour of the plant on Tuesday.

He said the management has addressed environmental and pollution issues after the surrounding community complained of the waste discharge and foul odor emanating from the plant.

“I’d like to highlight that we have managed and resolved the impact of the production,” Bacanto said, adding the plant currently no longer utilizes the “natural lagoon”, or the water body in the area in discharging waste.

“The plant is totally disconnected from the natural lagoon. The waste now goes to the world-class designed (aeration) ponds. Then, we convert that to organic fertilizer. That shows our strong commitment to environmental compliance,” he added.

So far, sugar producer VMC Inc. based in the adjacent Victorias City has invested some PHP200 million for the distillery plant’s environmental upgrade.

Among these are the installation of an anaerobic digester to lessen the presence of odor-causing bacteria in the slops by 60 to 70 percent and converting it to biogas; an automatic flaring system to eliminate odor-causing gases; application of wastewater treatment methods at the aeration ponds such as filtration, aeration, and dosing of enzymes to counteract the odor-causing chemical reaction in the digesters.

In a forum at the village gymnasium, Mayor Manuel Escalante III said he issued a business permit to the distillery plant after management submitted all the requirements, adding he also wanted to give the company a chance to implement environmental protection measures since its operations largely benefit the residents of Barangay Purisima.

Some residents said they have previously expressed pollution-related concerns, but shared they have also seen that the plant management has addressed their complaints.

Three of them, Julius Cesar Cañete, Angela Jumamoy, and Thamar Teresa Genobis, issued a disclaimer on the petition for the closure of the plant that allegedly came from them and reportedly submitted to the Office of the President. (PNA)

Source: <https://www.pna.gov.ph/articles/1121448>



Plastics makers warn of factory closure

posted November 11, 2020 at 06:08 pm

by [Othel V. Campos](#)

The local downstream plastics industry raised an alarm over the possible closure of plastics factories amid the dearth of local raw materials for plastics manufacturing.

The Philippine Plastics Industry Association sounded the alarm amid an ongoing battle against safeguard tariffs on raw materials used by the plastics industry.

“The Philippines’ national plastic manufacturers are at severe threat of factory closure with lack of raw material supplies. The plastic industry is of significant national interest, with multiple industries now utilizing and depending on plastic materials for their products,” said PPIA president Danny Ngo.

The industry group highlighted the sorry plight of plastics manufacturers as the industry was slowly recovering from the COVID 19 pandemic with low market demand and manufacturing challenges brought about by the lack of infrastructure and public transport system.

The inability of JG Summit Petrochemical Corp. to fulfill its October to November supply commitments redounded to less inventory of raw materials, according to PPIA.

JGSPC, the country’s sole manufacturer of LLPE and HDPE resins, is the main proponent for safeguard tariffs on plastic raw materials.

“With JSGPC being the sole domestic supplier, there will not be enough time for the local manufacturers to import their raw material needs to keep the factories running and we will have no choice but to shut down,” said Ngo.

“Our buffer stocks for both raw materials and finished goods are at an all-time low due to lack of financial capacity. Our workers were looking forward to report back and save enough for the upcoming holidays and we need the business to enable us to fulfill our obligation to pay them their 13th month pay,” Ngo said.

PPIA asked the Department of Trade and Industry and the Tariff Commission to reject safeguard tariffs sought by JGSPC, saying this would place hundreds of domestic downstream manufacturing players at a big disadvantage.

JGSPC sought for P15,000 per metric ton safeguard duties for high-density polyethylene and linear low-density polyethylene that led to the preliminary investigations starting Sept. 4, 2020.



Plastics makers warn of closures

By ... -November 12, 2020

The downstream plastics industry warned of possible factory closures because of lack of raw materials.

In a statement, the Philippine Plastics Industry Association (PPIA) said JG Summit Petrochemical Corp.(JGSPC), the country's sole manufacturer of resins specifically linear low-density polyethylene or LLPE and high-density polyethylene or HDPE, is unable to fulfill its October to November supply commitments.

Danny Ngo said, president of PPIA, said this comes at a time when the industry is slowly recovering from the pandemic which low led to market demand and manufacturing challenges .

"The Philippines' national plastic manufacturers are at severe threat of factory closure with lack of raw material supplies. The plastic industry is of significant national interest, with multiple industries now utilizing and depending on plastic materials for their products," Ngo said.

He added: "With JSGPC being the sole domestic supplier, there will not be enough time for the local manufacturers to import their raw material needs to keep the factories running and we will have no choice but to shut down."

Ngo said buffer stocks for both raw materials and finished goods are at an all time low due to lack of financial capacity.

PPIA earlier urged the Department of Trade and Industry and the Tariff Commission not to grant the protection and safeguard tariffs being sought by JGSPC as it will place the hundreds of domestic downstream manufacturing players at a big disadvantage.

PPIA warned finished products will flood the market with cheaper cost of production overseas and lower duty rates, thus, effectively stifling the local production.

Ngo said PPIA recognizes that while some countries may have lower production cost and prices, this is made possible through significant incentives, subsidies, and support by their government designed to bolster their own country's position for export.

"Should domestic industries be forced to close, our increasing reliance on foreign products may place the country in a difficult position," Ngo added. — Irma Isip



Plastics firms warn of closure if tariffs imposed on suppliers

November 11, 2020 | 7:18 pm



PLASTICS MANUFACTURERS said they may be forced to close down factories if their supply of raw materials is hindered by safeguard tariffs.

The Philippine Plastics Industry Association, Inc. (PPIA) issued the warning in the process of contesting the safeguard measures proposed by the country's sole domestic supplier of such materials, JG Summit Petrochemical Corp. (JGSPC).

JGSPC applied for a safeguard measures investigation into some imported resins used in plastic products, the Department of Trade and Industry (DTI) said in September. The company said that a surge in resin imports has caused it substantial injury.

The Safeguard Measures Act, or Republic Act No. 8800, allows domestic producers to ask the government to conduct an investigation into their import competitors if they claim to have been injured by excessive imports. The government can then impose temporary safeguard tariffs if it comes to a determination that domestic companies suffered injury.

High-Density Polyethylene (HDPE) and Linear Low-Density Polyethylene (LLDPE) resins are used in manufacturing consumer and industrial packaging.

The PPIA said safeguards would hinder plastics production by domestic firms.

"Philippine plastic manufacturers are at severe threat of factory closure (due to) lack of raw material supplies. The plastic industry is of significant national interest, with multiple industries now utilizing and depending on plastic materials for their products," PPIA President Danny Ngo said in a statement Tuesday.

PPIA said that JG Summit Petrochemical Corp. has not fulfilled its October and November supply commitments.

"With JSGPC being the sole domestic supplier, there will not be enough time for the local manufacturers to import their raw material needs to keep the factories running and we will have no choice but to shut down," Mr. Ngo said.

He said that buffer stocks for raw and finished materials are at an "all time low" as their finances deteriorate.



The industry group added that safeguards could lead to the Philippine market being flooded with imported plastic goods from countries with low production costs.

The DTI, after reviewing JGSPC's application, said there is evidence to justify a preliminary investigation into safeguard measures.

The department's initial findings indicate a significant increase in imported HDPE and LLDPE between 2015 and 2019, which preceded JGSPC's loss of market share.

BusinessWorld asked JG Summit Holdings, Inc. to comment but it had not replied at deadline time. — **Jenina P. Ibañez**

Manila Times forum goes ‘green’

By Eireene Jairee Gomez

November 11, 2020

Going green has become a trend in business, proving that showing concern for the environment can be a catalyst for innovation, new market opportunities and wealth creation.

With climate change gradually affecting the planet, consumers, corporations and governments must step up. Filipinos need to know the benefits of the “green movement.”

These issues will be discussed in an online forum organized by The Manila Times. The forum titled “Going Green: Great for Business and Community” will be shown live on Facebook on November 11 from 10 a.m. to 12 noon.



Emmanuel de Guzman, chairman of Climate Change Commission (CCC), will be the lead discussant. The CCC has long been pushing efforts in upholding the Paris Agreement and its 1.5 degrees Celsius long-term temperature goal. Under the law, the CCC shall continue to bring everyone together to ensure a dynamic synergy as the Philippines pursues greener and more resilient pathways toward a sustainable future.

Other speakers include Edgar Sabidong, chairman of the Philippine Green Building Council, vice president of the Technical Services Department and chief sustainability officer of Arthaland Corp.; Edmund Araga, president of Electric Vehicle Association of the Philippines; and Noel Soriano, vice president of Manufacturing and Communications of Unioil Petroleum Philippines.

The sponsors of the forum are Global Ferronickel Holdings Inc., UniOil, Hungry Workhorse, and Platinum Group Metals Corp. Its organization partners are the British Chamber of Commerce Philippines, Financial Executives Institute of the Philippines and Management Association of the Philippines.

Source: <https://www.manilatimes.net/2020/11/11/news/top-stories/manila-times-forum-goes-green/794547/>



Environmental planning for sustainable communities, towns and cities

By Architect Felino "Jun" A. Palafox, Jr.

November 12, 2020

Rather than overpowering nature or limiting human impact, good design will affirm the possibility of developing healthy and creatively interactive relationships between human settlements and the natural world.

— William McDonough and Michael Braungart from *Building Like Trees, Cities Like Forests*

THE past Sunday was the Philippines' first Environmental Planning Day. Elsewhere, environmental planning is also known as urban planning, town and country planning, and urban and regional planning. It is a crucial component to communities', town', cities' and nations' sustainable development because its objective is to create environment-friendly, resilient and progressive plans that are beneficial to the people and the environment while promoting sociocultural and inclusive economic development. I have been practicing the environmental planning profession for 46 years with a master's degree in environmental planning (urban and regional planning), and I have witnessed and learned how the implementation of good urban planning can transform cities into thriving benchmarks that we should follow. Planners consider the holistic view of the components of a city and design how these pieces will complement each other to maximize the safety, health and economic welfare of all people.

Planning can occur at varying levels — at the rural, urban or metropolitan-wide scale, and it is comprehensive, interdisciplinary, inclusive, resilient and sustainable. Environmental planners bring together and collaborate with the public and private sectors to design and develop strategies for immediate action, short-, medium-, long-term and visionary development plans. Planners know that aspects such as buildings, roads and land use, among others, play an important role in urban planning, but at the same time, social, economic and technological forces must also be considered to create a healthy environment.

Successful and sustainable environment planning is not always about numerous grand projects. It is founded on consistent, well-planned and well-managed transformations taking place over the long term. Through holistic and inclusive city planning, local governments will know what citizens really need. A good urban plan also builds on the strengths of a city, so its unique features must be preserved to enhance the city's development.

Global best practices

Singapore is a city state with immense and lush parks and landscapes, innovative green architecture, vibrant urban design, one of the best public transport and waste management systems in the world, successful public housing, and one of the highest ranked healthcare systems, among others. Singapore is also among the top 10 smartest and safest cities, according to the IESE Cities in Motion Index 2020 and The Economist Intelligence Unit's 2019 Safe Cities Index (SCI). Singapore started as an underdeveloped and severely polluted nation without any natural resources, but within 50 years, through environmental planning and infrastructure development, it was able to transform its image into one of the cleanest, greenest and most prosperous places in the world. In addition, despite its limited natural water resources and land area, Singapore has emerged in the forefront of holistic and effective research and technology to ensure water security. In fact, it is globally recognized as a "global hydrohub," a leading center for business opportunities and expertise in water technologies. Most remarkable is its water recycling program "NEWater" that produces safe, drinkable water. The filtered, purified and disinfected water meets the World Health Organization's and other international standards for safe and clean drinking water.



Melbourne, which was recognized as the world's most livable city for seven years by the Economist Intelligence Unit's Global Liveability Index, was formerly known as the Rust Belt of Australia and described by architect and urban designer Jan Gehl as "utterly dead" and "boring." Through steady, consistent and carefully planned transitions in the city's plans that are primarily for the benefit of the people, Melbourne has become one of the most ideal cities in the world. Planting more trees; providing more spaces for outdoor activities and recreation; reclaiming streets; and taking cars out of the roads to prioritize walking, cycling and public transportation planning are just a few of Melbourne's commendable initiatives. To control urban sprawl and make the city more livable, Melbourne has initiated "20-minute neighborhoods" as part of its Plan Melbourne 2017-2050. This planning principle enables residents to enjoy walkable neighborhoods in the city where they can access most of their daily needs within 20 minutes from their home, may it be through walking, cycling, or public transportation. These neighborhoods feature mixed-income housing; safe cycling routes; and convenient access to public transportation, health facilities, shops and parks, among others.

Chandigarh, a garden city in northern India, was designed by the architect and urban planner Le Corbusier. Because of the urban planning and modern architecture principles applied to its design, Chandigarh stands out among the rest of India's cities and is recognized as an exemplary city among planners. Le Corbusier's master plan is comparable to the human body, with the Capital Complex as the head, the City Center as the heart, the vast open spaces and Leisure Valley as the lungs, the road networks and cycling lanes as the circulatory system, and the Industrial Area as the viscera. The city's layout and design were primarily based on people's four major needs: living, working, circulation, and nurturing the body and spirit. Residential areas were established for living; the Capitol Complex, City Center, Educational Zone, and Industrial Area are for working; the 7Vs or the seven different roads are for circulation; and the Leisure Valley, gardens, other green spaces, and courtyards are for nurturing the body and spirit. The city is amply supplied with immense spaces for parks, and trees and landscaping are a standard feature in residential areas, roads and shopping areas.

The Philippines' population is projected to grow to 146 million by 2050. As our nationwide population continues to rise, we would need 100 new cities by 2050. We need to listen to and support our capable urban planners, developers and government leaders who appreciate good urban planning, so our communities, towns and cities can be designed to be inclusive, healthy, livable, resilient and sustainable to improve urban quality of life.



Be responsible, travelers told amid Bamboo Ecopark vandalism

By Joyce Ann L. Rocamora **November 11, 2020, 10:38 pm**

MANILA – The Department of Tourism (DOT) on Wednesday reminded travelers to be responsible tourists after Baguio's Bamboo Ecopark was prompted to temporarily close due to vandalism.

"The DOT appeals to all travelers looking to visit tourism destinations around the country that have already gradually reopened to practice responsible tourism at all times. We condemn the recent vandalism incident in the Bamboo Ecopark in Baguio City, which led to its temporary closure," Tourism chief Bernadette Romulo-Puyat said in a statement.



The Bamboo Ecopark (Photo courtesy of Edgardo Manda, Bamboo Foundation Inc. president)

Romulo-Puyat said the DOT will continue to work with local government units and the private stakeholders in intensifying its advocacy for sustainable tourism in the country.

"We wish to remind tourists of the important role they hold in ensuring the survival of the tourism industry amid the pandemic," she added.

The Bamboo Ecopark, located at the St. Francis Xavier Seminary, is a fast becoming popular attraction in Baguio City, famed for its walking paths that could rival Kyoto's Arashiyama Bamboo Grove.

Edgardo Manda, president of the Philippine Bamboo Foundation, Inc., announced the park's temporary closure due to vandalism on November 9.

"Some visitors do not respect the place and have defaced bamboo culms (or poles) by engraving their names and relieving themselves along the pathway," he said in a Facebook post. (PNA)



Bamboo ecopark in Baguio vandalized

Published November 11, 2020, 3:47 PM

by [Hanah Tabios](#)

The Department of Tourism condemns the recent vandalism incident which led to the closure of the famed Bamboo Ecopark in St. Francis Xavier Seminary in Liteng, Pacdal, Baguio City.



Philippine Bamboo Foundation Inc. president Edgardo Manda on Monday announced on his Facebook account the temporary closure of the Bamboo Ecopark in Baguio City due to vandalism. (Edgardo Manda / MANILA BULLETIN)

The park, which has been likened to Kyoto's Arashiyama Bamboo in Japan, opened to tourists late last year.

Philippine Bamboo Foundation Inc. president Edgardo Manda announced on his Facebook account the temporary closure of the tourism destination due to vandalism Monday.

"Some visitors do not respect the place and have defaced bamboo culms (or poles) by engraving their names and relieving themselves along the pathway," he said.

A joint project of the Philippine Bamboo Foundation Inc. and the Diocese of Baguio, the Baguio City Public Information Office said the ecopark is an expansion of the National Greening Program to boost livelihood projects in Baguio.

It was part of the envisioned one million hectare bamboo plantation of the country's commitment to the Association of Southeast Asian Nations to reforest 20 million hectares by 2020 in an effort to improve the environment.

Manda said there are 26 identified pilot areas in the country for the project, including Abra and downside Mount Pulag, in Kabayan, Benguet, which undergoes assessment to identify bamboo species fit for these areas.

Tourism Secretary Bernadette Romulo Puyat appealed to all travelers looking to visit tourism destinations around the country that have already gradually reopened to practice responsible tourism at all times.

"We wish to remind tourists of the important role they hold in ensuring the survival of the tourism industry amid the pandemic," Puyat said.

She said that the DoT will also continue working with local government units, private stakeholders, and relevant tourism in intensifying its advocacy for sustainable tourism in the country.

Source: <https://mb.com.ph/2020/11/11/bamboo-ecopark-in-baguio-vandalized/>



News5
Yesterday at 12:17 PM

"Some visitors do not respect the place and have defaced bamboo culms (or poles) by engraving their names and relieving themselves along the pathway," ayon kay Edgardo Manda.



50

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Gov't uses diplomatic arrangements to buy Covid-19 vaccine

By Lade Jean Kabagani November 11, 2020, 7:37 pm



National Policy Against Covid-19 chief implementer and Presidential Peace Adviser Secretary Carlito Galvez Jr. (file photo)

MANILA – The government has strengthened its diplomatic arrangements to ensure the country's immediate procurement of the coronavirus disease (Covid-19) vaccine once it becomes available, National Policy Against Covid-19 chief implementer and vaccine czar, Secretary Carlito Galvez Jr. said on Wednesday.

"Ang gusto po nga natin na kapagka nag-roll out ang mga vaccines sa mga foreign countries ay magro-roll out na rin po sa atin so kinakausap po natin yung mga (What we want to happen is if vaccines will be rolled out in foreign countries, we will also roll out in our country so we are talking to) different sources," Galvez said in a virtual presser.

As various clinical trials continue to progress, Galvez said the best-case scenario to roll out the vaccination activities in the Philippines is by the second quarter of 2021.

"We are already conducting diplomatic engagements which we hope to become equitable and I believe that WHO (World Health Organization) is on top of it—to prioritize countries like us," Galvez said.

Galvez said the government is also working on a "multi-approach" when it comes to securing access to the Covid-19 vaccine for the Filipino people through the COVAX vaccine.

"We already have 80-percent guaranteed access, so meaning, about 20 million to 25 million Filipinos can access equitably in [this] COVAX," Galvez said.

The COVAX clinical trials -- co-led by the WHO, Gavi, and the Coalition for Epidemic Preparedness Innovations (CEVI) -- aims to accelerate the development and manufacture of Covid-19 vaccines based on the principle of equitable access for all nations.

"So far we are conducting bilateral engagements so that we can increase (our capacity), our access to at least 25 million to 30 million of our population will be vaccinated each year since the vaccination [is]—realistically if we are targeting 75 to 80 percent of our population—we will do this in three to five years time," he said.

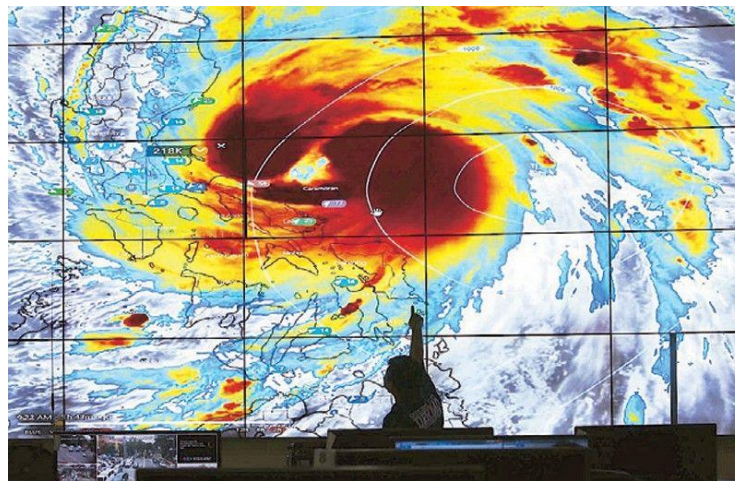
Galvez said the government is also hoping to buy at least 50 million vaccines next year.

Meanwhile, Galvez said the government has entered multilateral arrangements with the Asian Development Bank (ADB) and other financing institutions for the advance payment of vaccines.

"We are also entering in tri-partite agreement with the business sector," he said.

Galvez said groups from the private sector have already volunteered to augment the government's capacity to purchase the Covid-19 vaccines. (PNA)

Source: <https://www.pna.gov.ph/articles/1121527>



An official of Quezon City's disaster risk reduction and management office checking the progress of the typhoon after Signal No. 3 was raised in Metro Manila and several areas in Luzon.

Boy Santos, file

Ulysses intensifies; Metro Manila under Signal No. 3

[Helen Flores](#) (The Philippine Star - November 12, 2020 - 12:00am)

MANILA, Philippines — Thousands of residents in the Bicol region were evacuated yesterday ahead of Typhoon Ulysses, which was expected to make landfall over Camarines Norte and Quezon province last night.

Ulysses (international name Vamco), the 21st tropical cyclone to enter the Philippines this year, will continue to bring heavy to intense and at times torrential rains over Camarines Norte, Camarines Sur, Metro Manila, Calabarzon, Aurora, Bulacan, Pampanga and Bataan early today.

Moderate to heavy to at times intense rains will prevail over the Cordillera Administrative Region, mainland Cagayan Valley, Catanduanes, Marinduque, northern portion of Mindoro provinces and the rest of Central Luzon.

The rest of Luzon and the Visayas will experience light to moderate with at times heavy rains.

Heavy rains since Tuesday caused floods and landslides, forcing at least 5,000 residents to evacuate from their homes in Cagayan and other parts of Northern Luzon.

Destructive winds and intense to at times torrential rainfall – associated with the typhoon's eyewall and inner rainbands – were experienced in Camarines Sur and Camarines Norte yesterday.

It was also expected to bring destructive winds and intense to torrential rains over Aurora and the northern portion of Quezon last night until early this morning.

The outer rainbands of Ulysses also started to drench Metro Manila and parts of Central and Southern Luzon.

It was forecast to make landfall in the vicinity of Calaguas Islands, Camarines Norte then Polillo Islands and mainland Quezon last night.

The typhoon was likely to cross Central Luzon and emerge over the western seaboard of Zambales this morning.



Perez said Ulysses is not expected to intensify into a super typhoon.

Ulysses is likely to “slightly” weaken as it crosses mainland Luzon due to presence of the Sierra Madre and Zambales mountain ranges.

“However, it is likely to remain a typhoon throughout,” PAGASA said.

As of 5 p.m., Tropical Cyclone Wind Signal No. 3 was raised over Metro Manila, southern portion of Quirino, southern portion of Nueva Vizcaya, Pangasinan, Nueva Ecija, Aurora, Tarlac, Zambales, Bataan, Pampanga, Bulacan, Rizal, Cavite, Laguna, northern and central portions of Quezon including Polillo Islands, Batangas, Catanduanes, Camarines Norte and northern portion of Camarines Sur.

Signal No. 2 was raised over the rest of Quirino, the rest of Nueva Vizcaya, southern portion of Benguet, southern portion of La Union, the rest of Quezon, Marinduque, northern portion of Occidental Mindoro including Lubang Island, northern portion of Oriental Mindoro, the rest of Camarines Sur, Albay, Sorsogon and Burias and Ticao Islands.

Signal No. 1 was up in Isabela, Kalinga, Mountain Province, Ifugao, the rest of Benguet, Abra, Ilocos Sur, the rest of La Union, the rest of Occidental Mindoro, the rest of Oriental Mindoro, Romblon, the rest of Masbate, Northern Samar, northern portion of Samar and northern portion of Eastern Samar.

As of 4 p.m., the eye of the typhoon was spotted 60 kilometers east northeast of Daet, Camarines Norte, packing winds of 140 kilometers per hour near the center and gustiness of up to 195 kph.

It was forecast to move west at 20 kph.

PAGASA warned against storm surges with heights of up to three meters along the coastal areas of Aurora, Quezon including Polillo Islands, Camarines Norte, Catanduanes and northern and eastern Camarines Sur.

Storm surges of up to two meters high were also expected along the coastal areas of La Union, Pangasinan, Isabela, Zambales, Bataan, Pampanga, Bulacan, Metro Manila, Cavite, Batangas, northern portions of Mindoro provinces including Lubang Island, Marinduque, Romblon, Masbate including Ticao and Burias Islands, Albay and Sorsogon and the remaining coastal areas of Camarines Sur.

“These storm surges, which may be accompanied by swells and/or breaking waves near the coast, can cause life-threatening and damaging coastal inundation,” the weather bureau said.

Floods

Cagayan Gov. Manuel Mamba said floods spawned by heavy rains have displaced at least 5,000 residents in Tuguegarao City, Aparri, Alcala, Ballesteros, Buguey, Gonzaga, Claveria, Lallo, Pamplona, Sanchez Mira and Sta. Praxedes.

The displaced individuals were taken to 26 evacuation centers while others sought refuge with relatives on safer ground.



Heavy rains brought by Typhoon Ulysses forced local officials to close yesterday sections of six roads and a bridge in Regions 1, 2 and the Cordillera Administrative Region (CAR).

The National Disaster Risk Reduction and Management Council (NDRRMC) said roads have to be closed due to mudslides or landslides, rockslides, fallen trees and flooding in Ilocos Norte, Cagayan, Isabela, Quirino, Apayao and Kalinga.

Landslides and floods closed the stretch of the Manila North Road between the Ilocos region and Cagayan Valley as heavy rains hit the area since Tuesday.

The Department of Public Works and Highways-Ilocos region advisory yesterday said major landslides in the portion of Barangay Pancian in Pagudpud, Ilocos Norte stalled hundreds of motorists while clearing operations were ongoing.

Portions at the Cagayan Valley side of the highway in Sta. Praxedes, Cagayan were also blocked by floods and landslides.

Also hit by landslides along Manila North road are portions of Barangay Kilkiling in Claveria, Cagayan.

Flooding and landslides have been occurring along the stretch of the Manila North Road between Cagayan and Ilocos Norte since last week due to tail-end rains.

President Duterte ordered yesterday the suspension of work in government offices and classes in all levels at public schools in the National Capital Region, Regions 2, 3, Calabarzon, Mimaropa and CAR due to inclement weather.

Executive Secretary Salvador Medialdea issued memorandum order No. 82 which called for the suspension of work and classes by 3 p.m. upon recommendation of the NDRRMC.

The suspension was also extended until today to ensure the safety of residents in the areas affected by the typhoon.

The Provincial Disaster Risk Reduction Management Office of Bulacan reported that as of 8 a.m. yesterday, the water level of Angat Dam has slightly risen to 205.55 meters, Ipo Dam at 100.83 meters and Bustos Dam at 15.81 meters compared to Tuesday's 205.13 meters, 100.55 meters and 16.49 meters, respectively.

Angat Dam's water level is slowly inching toward its 212-meter normal high water level while Ipo Dam is just 0.17 meter below its spilling level and Bustos Dam is 1.19 meters below its spilling level of 17 meters. – **Christina Mendez, Neil Jayson Servallos, Michael Punongbayan, Rudy Santos, Robertzon Ramirez, Cesar Ramirez, Ding Cervantes, Ric Sapnu, Raymund Catindig, Ramon Efren Lazaro, Victor Martin**

Source: <https://www.philstar.com/headlines/2020/11/12/2056345/ulysses-intensifies-metro-manila-under-signal-no-3>

Residents near Luzon, E. Visayas rivers warned of possible flooding as water levels rise due to Ulysses

ABS-CBN News

Posted at Nov 11 2020 06:20 PM | Updated as of Nov 11 2020 07:57 PM



Construction of flood walls along Marikina River still underway as the city commemorates the 10th anniversary of Typhoon Ondoy on September 26, 2019. *Mark Demayo, ABS-CBN News*

MANILA (UPDATE) - State weather bureau PAGASA on Wednesday warned residents near major rivers in Luzon and Eastern Visayas to take precautionary measures as water levels rise due to Typhoon Ulysses (international name: Vamco).

In an [advisory](#) released 3 p.m., PAGASA said the passing of Ulysses over the Luzon landmass may cause an increase in the water level in the upper and lower Marikina River, Pasig River, Tullahan River and their tributaries.

In anticipation of this scenario, PAGASA warned residents near those rivers, particularly in the following areas, to be on alert for possible flooding and rain-induced landslides:

Upper Marikina River:

- Rodriguez
- Antipolo
- San Mateo
- Quezon City
- Marikina
- Pasig

Lower Marikina River:

- Pasig
- Mandaluyong

Pasig River:

- Quezon City
- Mandaluyong
- Manila

Tullahan River:

- Quezon City
- Caloocan
- Malabon
- Navotas
- Valenzuela



Tributaries:

- Mango River (Rodriguez)
- Nangka River (Marikina, San Mateo, Antipolo)
- San Juan River (Quezon City, San Juan, Manila)

PAGASA also warned of possible flooding in the [Cagayan River basin](#), which may affect residents in Cagayan and Isabela.

Meanwhile, residents of flood-prone areas in the following regions are also warned:

Cordillera Administrative Region

- Benguet (rivers and tributaries, particularly Upper Bauang)
- Apayao (rivers and tributaries, particularly Upper Abulug and Upper Pamplona)
- Ifugao (all rivers and tributaries)
- Mountain Province (all rivers and tributaries)
- Abra (rivers and tributaries, particularly Upper Abra, Tineg and Ikmin)
- Kalinga (all rivers and tributaries)

Ilocos region

- Ilocos Sur (rivers and tributaries, particularly Lower Abra, Silay-Sta.Maria and Buaya)
- La Union (rivers and tributaries, particularly Amburayan, Baroro, Lower Bauang and Aringay)
- Pangasinan (rivers and tributaries, particularly Balincaguig and Alaminos)
- Ilocos Norte (rivers and tributaries, particularly Bulu, Banban, Bacarra-Vintar, Laoag and Quiaoit)

Bicol region

- Masbate (rivers and tributaries, particularly Lanang, Mapayawan, Mandaon, Asid, Malbug, Guiom, Nainday, Daraga, Nauco (Aguada) and Baleno)
- Camarines Norte (rivers and tributaries, particularly Labo and Daet Basud)
- Camarines Sur (rivers and tributaries, particularly Lower Kilbay Catabangan, Ragay, Tinalmud, Tambang and Lagonoy)
- Albay (rivers and tributaries, particularly Guinale and Upper Donsol)
- Catanduanes (rivers and tributaries, particularly Cabuyan, Bato and Pajo)
- Sorsogon (rivers and tributaries, particularly Lower Donsol, Ogod, Putiao, Cadacan, Banuang-Daan, Fabrica (Tugbugan) and Matnog)

Central Luzon

- Bataan (rivers and tributaries, particularly Balanga and Morong)
- Zambales (rivers and tributaries, particularly Pamatawan, Sto. Tomas, Bucao, Bancal and Lawis)
- Aurora (rivers and tributaries, particularly Casiguran, Aguang and Lower Umiray)
- Tarlac (all rivers and tributaries)

Calabarzon

- Cavite (rivers and tributaries, particularly Laboc (Balsahan), Cañas, Ylang-Ylang and Imus)
- Quezon (rivers and tributaries, particularly Upper Umiray, Lower Bolbok (Lawaya), Malaking-Ilog, Iyam, Macalelon, Catanauan, Silongin Lagda, Pagsanjan, Yabahaan, Bigol, Guinhalinan, Vinas, Calauag, Pandanan, Sta. Lucia, Lugan Malaybalay, Maapon, Bucal (Lalangan), Lakayat, Tignoan, Agos, Anibawan (Polillo Island) and Upper Kilbay-Catabangan)
- Batangas (rivers and tributaries, particularly Lian, Banabang-Molino, Pansipit, Kapumpong, Rosario-Lobo and Upper Bolbok (Lawaya))
- Laguna (rivers and tributaries, particularly Pagsanjan, Pila-Sta. Cruz, San Juan and San Cristobal)
- Rizal (rivers and tributaries, particularly Upper Marikina and Kaliwa)

Cagayan Valley

- Cagayan (rivers and tributaries, particularly Linao, Lower Abulug, Lower Pamplona, Cabcungan, Aunugay, Baua, Palawig and Taboan)
- Isabela (rivers and tributaries, particularly Dikayatan, Divilican and Palanan-Pinacanauan)
- Nueva Vizcaya (all rivers and tributaries)
- Quirino (all rivers and tributaries)

Mimaropa

- Oriental Mindoro (rivers and tributaries, particularly Malaylay-Baco, Pulant Tubig, Mag-asawang Tubog, Butas, Pula, Agsalin, Bansud, Sumagui, Bongabong, Baroc, Bulalacao and Balete)
- Occidental Mindoro (rivers and tributaries, particularly Abra de Ilog, Caguray, Labangan, Magbando, Lumintao, Anahawin, Monpong, Amnay, Pola, Pgbahan, Maburao and Ibod)
- Marinduque (rivers and tributaries, particularly Tawiran-Tagum (Marinduque) and Boac)
- Romblon (all rivers and its tributaries)

Eastern Visayas

- Leyte (rivers and tributaries, particularly Sangputan, palo, Solano (Quilot), Daguitan Marabang, Cadac-an, Bongquirogon, Salug, Pagbangan, Pagsangahan and Binahaan)
- Northern Samar (rivers and tributaries, particularly Catarman, Bugko, Pambujan, Catubig, Palapag, Mawo and Gamay)
- Eastern Samar (rivers and tributaries, particularly Oras, Dolores, Ulot, Taft, Borongan, Suribao, Llorente, Balangiga and Sulat)
- Southern Leyte (rivers and tributaries, particularly Bisay, Himbangan and Pandan)
- Biliran (all rivers and its tributaries)
- Samar (rivers and tributaries, particularly Basey, Silanga, Calbiga and Jibatan)

PAGASA said people living near mountain slopes and in low lying areas of the above mentioned river systems are advised to be alert for possible flashfloods and landslides.

Metro Manila, Calabarzon, Central Luzon, Aurora, Catanduanes, Camarines Norte, as well as portions of Camarines Sur, Quirino and Nueva Vizcaya were placed under Tropical Cyclone Wind Signal No. 3 as Ulysses loomed closer to landfall.

Source: https://news.abs-cbn.com/news/11/11/20/residents-near-pasig-marikina-rivers-warned-of-possible-flooding-as-water-levels-rise-due-to-ulysses?fbclid=IwAR3LNDL7PqNF00zPC854XZ41BbhLWVipD4cyC-EUWjIgUD5uDURvrW_JwUg



Brownouts hit NCR amid Ulysses rains, winds; linemen on standby, Meralco says

Published November 12, 2020 5:17am

Power outages hit different parts of Metro Manila on Thursday amid heavy rains and howling winds brought about by Typhoon Ulysses.

State weather bureau PAGASA raised a red rainfall warning over Metro Manila and nearby Quezon, Bulacan, Laguna, and Rizal early Thursday morning as Ulysses made its way across Luzon.



A report by Super Radyo DZBB quoted Meralco executive Paul Isla that linemen are on standby to restore power to brownout-hit areas. —**JST, GMA News**

Source: <https://www.gmanetwork.com/news/news/metro/763796/brownouts-hit-ncr-amid-ulysses-rains-winds-linemen-on-standby-meralco-says/story/>

Libo-libong residente sa Bicol Region inilikas bilang paghahanda sa Ulysses

ABS-CBN News

Posted at Nov 11 2020 05:11 PM | Updated as of Nov 12 2020 12:49 PM



Ayon sa PAGASA, maghapon na mararanasan ang pag-ulan sa kabuuan ng Bicol region ngayong Miyerkoles dahil sa bagyo. *Courtesy: Karren Cannon*

ALBAY - Lumikas na ang libo-libong residente sa Bicol Region bilang paghahanda sa bagyong Ulysses.

Sa pinakahuling tala na ipinalabas ng Office of Civil Defense Bicol hanggang alas-7 ng Martes, nasa 8,364 pamilya o 34,380 indibidwal ang nasa loob na ng iba't-ibang evacuation centers sa rehiyon.

Samantala, umabot sa 10,343 pamilya o 42,329 katao ang lumikas sa kanilang mga kaanak.

Nagsisimula pa lamang bumangon ang rehiyon sa pinsalang iniwan ng bagyong Rolly, partikular na sa Albay, Catanduanes, at iba pang lugar sa Bicol Region.

LINK: <https://news.abs-cbn.com/news/11/10/20/bayan-sa-albay-na-hinagupit-ng-bagyong-rolly-hindi-pa-handa-sa-paparating-na-bagyo>

Patuloy na nakararanas ng katamtaman hanggang sa malakas na pag ulan sa probinsiya ng Albay simula pa madaling araw ng Miyerkoles - na mas lumakas nitong alas-11 ng umaga.

Ayon sa PAGASA, maghapon na mararanasan ang pag-ulan sa kabuuan ng Bicol region ngayong Miyerkoles dahil sa bagyo.

Sa Albay, nagpapatuloy naman ang pre-emptive evacuation sa mga residenteng delikado sa pagbaha, lahar, landslide, storm surge at malakas na hangin, alinsunod sa utos ng provincial disaster risk reduction and management council nila.

Ang iba naman lumikas sa kani-kanilang kakilala o kamag-anak.

Inaasahang magla-landfall sa Polillo Islands at Mainland Quezon ang bagyo pero ayon sa PAGASA, posible pa ring dumaan ang mata o sentro ng bagyo malapit sa landmass ng hilagang bahagi ng Bicol kaya maigi pa ring mag-ingat at maging handa.

May food packs at iba pang food and non-food items na naihanda ang Department of Social Welfare and Development sa Bicol sakaling kailanganin ng tulong ng mga lokal pamahalaan sa posibleng epekto ng bagyong Ulysses sa rehiyon.

May P3 milyon na standby fund rin ang ahensiya para rito.

Nawalan na naman ng suplay ng kuryente ang Legazpi dahil sa Ulysses.

Suspendido ang pasok ngayon maging ang operasyon ng malls at iba pang business establishments sa Albay.

-- **Ulat ni Karren Canon**

Source: <https://news.abs-cbn.com/news/11/11/20/libo-libong-residente-sa-bicol-region-inilikas-bilang-paghahanda-sa-ulysses>



Ulysses triggers flood, rockslide in Catanduanes

Published November 11, 2020 7:47pm

Heavy rains and winds brought by Typhoon Ulysses on Wednesday caused floods and a rockslide in Catanduanes.

According to Sandra Aguinaldo's report on "24 Oras" on Wednesday, floodwaters reached the roofs of some houses in Bagamanoc, Catanduanes.

Residents were ordered to evacuate as Ulysses continued its onslaught in the province.

In Virac, strong winds and rains toppled electric posts.

Several plantations were also submerged in flood.

Meanwhile, the boundary of Virac and Bato was blocked by big rocks after several rocks from the mountain slid to the road.

State weather bureau PAGASA earlier placed Catanduanes under Tropical Cyclone Wind Signal No. 3 as Ulysses continued to intensify and threatened the Quezon-Aurora area.

The center of Ulysses is forecasted to make landfall or close approach in the vicinity of Calaguas Islands within 3 hours, then over Polillo Islands and mainland Quezon between Wednesday night and Thursday morning.

PAGASA said Ulysses may reach its peak intensity of 140 to 155 kph prior to landfall. It may also slightly weaken as it crosses mainland Luzon due to frictional effects in the presence of Sierra Madre and Zambales mountain ranges. However, it is likely to remain a typhoon throughout its traverse. -**Ma. Angelica Garcia/MDM, GMA News**



Ipo Dam conducts emergency water discharges

Published November 12, 2020, 1:46 AM

by [Ellalyn De Vera-Ruiz](#)

The management of Ipo Dam continued to conduct emergency water discharges at 12:30 a.m., Thursday (Nov. 12) due to the expected rise in the dam's water level during the passage of typhoon "Ulysses" over Central Luzon.

The Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) has provided a hydrological dam situationer for Ipo Dam, which noted that the water level of the reservoir in Norzagaray, Bulacan has reached 101.84 meters.

The dam's spilling level is at 101 meters.

"Ipo Dam management will continue to conduct spilling operation at 12:30 a.m. with total discharge of 432.32 cubic meters per second," PAGASA said.

Residents living along the low-lying areas and in communities near Angat River, particularly Norzagaray, Angat, San Rafael, Bustos, Baliuag, Pulilan, Plaridel, and Hagonoy, were advised to take precautionary measures and remain alert for possible increase in water level.

PAGASA and Ipo Dam management said they will continue to monitor the hydrological condition of Ipo Dam as typhoon Ulysses is expected to traverse Central Luzon.



Water levels in 7 stations in Bicol River Basin rising

Published November 11, 2020, 11:42 PM

by [Chito Chavez](#)

The Philippine Atmospheric Geophysical and Astronomical Services Administration (PAGASA) reported Wednesday that the water levels in the seven stations of the Bicol River Basin has swelled or gradually rising and are expected to affect the low-lying and urban areas with poor drainage systems in the region.

In its 9 p.m. flood bulletin, the state weather bureau noted that the water level is rapidly rising at Calzada Station Quinali River with its level now at 2.73 meters.

The rapid rise in this river system will likely affect the low-lying areas of the towns in Oas, Libon and Polangi.

At the Bato Station in Lake Bato Bicol River, PAGASA disclosed that the water level is now at the critical point of 4.35 meters which will affect the towns of Bato, Nabua and Libon.

PAGASA said that there is a gradual rise in water level at the Camaligan Bicol River which is now at 1.21 meters and will likely flood the low-lying areas in the towns of Camaligan, Bombon, Magarao, Canaman, Naga City, Gainza and Pamplona.

The 11.87 meter water level in the Sipocot Station of Sipocot River is critical which may submerge the towns of Cabusao, Urbamanan and Sipocot.

PAGASA also reported the gradual rise in the water level at the Buhi Station of Lake Buhi/Barit/Iriga River which is now at 1.33 meters.

However, the continued rise in water levels of this station may affect the towns of Pob, Buhi, Iriga and Nabua.

The alert level at Ombao Station in the Bicol River was raised as water has gradually risen to 4.65 meters which may affect the towns of Ombo, Baao, Bula, pili, Minalabac, Milaor and San Fernando.

PAGASA also disclosed the gradual rise in the water level at the Balongay station of the Bicol River which threatened to submerge the area of Calabanga.

Weather authorities asked the affected residents and the local Disaster Risk Reduction and Management Council to take appropriate actions.

Source: <https://mb.com.ph/2020/11/11/water-levels-in-7-stations-in-bicol-river-basin-rising/>



ABS-CBN News

14h · 🌐

Hindi pa man tumatama ang typhoon #UlyssesPH, nagsimula nang hampasin ng malalakas na alon ang coastal area sa Mauban, Quezon Miyerkoles nang umaga.

Maaga ring rumonda ang mga opisyal upang palikasin ang mga nakatira sa tabing-dagat.
#WeatherPatrol

BASAHEIN DITO ang mga kaugnay na ulat: bit.ly/UlyssesPH

Panoorin ang #TVPatrolLive ngayong araw, Nobyembre 11, 2020

Facebook: bit.ly/2lqvVJQ

YouTube: bit.ly/2JWMJZQ



BAGYONG ULYSSES RAMDAM NA NG MGA TAGA-QUEZON

BAGYONG ULYSSES | NG BAHAGI NG BENGUET, LA UNION, OCCIDENTAL MINDORO, ORIENTAL

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TINGNAN: Hinambalos ng malalaking alon ang transient homes at walkway sa Sabang, Baler, Aurora ilang oras bago ang inaasahang pag-landfall ni typhoon #UlyssesPH sa bansa.

Nagbabala ang PAGASA nang hanggang 3 metrong storm surge sa ilang bahagi ng Luzon dahil sa bagyo. #WeatherPatrol (📻: Buenaventura Hugo Jom) | via Raphael Bosano, ABS-CBN News

BASAHIN DITO ang kaugnay na mga ulat: bit.ly/UlyssesPH



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UNTV News and Rescue

23h · 🌐

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Tatlong daang pamilya na ang inilikas sa Guinobatan, Albay dahil sa banta ng pagragasa ng lahar. Pinalikas na rin ang mga residente sa lugar na apektado ng lahar flow sa Camalig, Albay.



YOUTUBE.COM

300 pamilya sa Guinobatan, Albay, inilikas dahil sa panibagong banta ng pagragasa ng lahar

👍👎👏 614

31 Comments 144 Shares



MAGKAISA LABAN SA PATONG-PATONG NA KALAMIDAD



November 11, 2020 @ 1:31 PM 1 day ago

MULA nang gulantangin tayo ng pagdating ng kalamidad na coronavirus disease o COVID-19 noong Enero 30, 2020, libo-libo na ang patay mula Luzon hanggang Visayas at Mindanao.

Habang tinitipa natin ito, mga Bro, may 7,661 na tayong patay at iba pa ang mga dumarating na bangkay ng mga overseas Filipino worker mula abroad.

Meron na rin tayong 399,749 biktima na pinagmulan ng mga patay at nanganganib pa ang buhay ng 1,455 na nasa seryoso o kritikal na kalagayan.

Ang matindi, kahit isang miyembro lang ng pamilya ang matamaan, grabe ang lockdown sa pamilya at pati mga kapitbahay nala-lockdown din nang 14 araw o mahigit pa.

GUTOM, PAGKALUGI KALAMIDAD DIN

Kapag na-lockdown ang isang pamilya at panay obrero sa pabrika, pagsasaka, pangingsda, vendor sa kalsada, gutom na 'yan.

Matindi rin ang sumunod na mga lockdown na pambansa na nagsimula noong Marso 15, 2020 sa pamamagitan ng enhanced community quarantine sa buong bansa.

Tumigil ang ating mundo: nagsara ang lahat ng negosyo maliban lang ang mga kaugnay sa pagkain, medisina at iba pang tinatawag na "essential" na kalakal at serbisyo gaya ng serbisyo sa transportasyon, bangko, ospital, punerarya, medical professionals at mula sa mga taga-pamahalaan gaya ng pulis, sundalo, bumbero at jail guard at iba pa.

Nang bumagsak ang ating ekonomiya, lumaganap din ang gutom sa kawalan ng trabaho at negosyo.

Buti na lang, gumawa ang Palasyo at Kongreso ng mga batas gaya ng deklarasyon ng pambansang kalamidad at magkasunod na Bayanihan 1 at 2.

Bumagsak din ang kabuhayan ng milyon-milyong overseas Filipino worker kaya naman bumagsak din maging ang mga pribadong eskwela na suki ang anak ng mga ito.

Ang kanilang remittance o padala na dating inaasahan ng pamahalaan na nagkakahalaga ng P1 trilyon taon-taon, bumagsak din kaya todo-kayod ang pamahalaan paghahanap ng mga pondong kailangan ng mga mamamayan laban sa gutom, sakit, problema sa pamamahay at maraming iba pa.



KALAMIDAD MULA SA KALIKASAN

Ngayon naman, mga Bro, dumaragdag ang kalamidad mula sa kalikasan na likha ng tag-ulan, amihan at La Niña.

Sunod-sunod ang mga bagyong dumarating, maging ang halos walang puknat na ulan na likha ng amihan.

Heto nga't nasira ang hula ng Philippine Atmospheric, Geophysical and Astronomical Services Administration na maaaring may 3 bagyo sa Nobyembre at 3 rin sa Disyembre.

Pang-4 nang bagyo si Ulysses at wala pa tayo sa kalagitnaan ng buwan at lumikha ulit ng mga pagbabakwit.

Grabe ang mga pinsalang nilikha ng baha at malalakas na hangin mula sa mga naunang bagyong Quinta at super bagyong Rolly, lalo na sa Kabikulan at Timog Katagalugan.

Binabaha naman nang todo sa mga araw na ito ang maraming komunidad mula sa umaapaw nang Cagayan River, ang pinakamahaba at pinakamalawak na ilog sa buong bansa at sa ilang araw lang, malalaman na natin ang mga pinsalang idinulot nito sa agrikultura at kabuhayan sa hilagang Luzon.

Bukod sa ulang dala ng amihan at ang nakaraang bagyong Siony, naririto naman si Ulysses na magpapaulan sa halos buong Luzon at isang sanhi ng pagbaha ng Cagayan River.

PAGKAKAISA, PAGTUTULUNGAN

Sa mga panahong ito, mga Bro, paulit-ulit man, nananawagan tayo ng pagkakaisa at pagtutulungan.

Habang lumalapit ang halalang 2022, dumarami ang may dalang utak-pulitika.

At kasama sa utak-pulitika ang paghahanap ng mali laban sa kanilang mga kalaban sa posisyon.

At ginagamit pa ang mga kalamidad upang makauna sila sa pormahan.

Sana ang utak-pulitika ay nakatuon sa takda ng lipunan na pangunahing tungkulin ng pamahalaan na paglingkuran at ipagtanggol ang sambayanan.

Naririyang ang mga kalamidad na nangangailangan ng paninilbihan at proteksyon sa mga mamamayan.

Ang totoo, maraming grupong mamamayan na nagnanais at kumikilos para protektahan at pagsilbihan ang mga mamamayan.

Kung sabay-sabay na kikilos at mahigpit na nagkakaisa ang lahat ng ito at ang ating pamahalaan, tiyak na mapangingibabawan natin ang mga kalamidad.



Paris climate goals seen requiring tripling in RE investment

November 11, 2020 | 7:17 pm



REUTERS

GLOBAL renewable energy investment needs to triple to nearly \$800 billion by 2050 in order to meet climate goals set out in the Paris Agreement, an intergovernmental organization said in a report.

Funding for renewables must accelerate if the Paris goal of keeping the average global temperature rise below 2 degrees Celsius, according to the International Renewable Energy Agency (IRENA).

“Annual investment in renewables would need to almost triple... to almost \$800 billion (a year) through 2050,” it said.

IRENA said more investment is needed in system integration technologies like distributed energy resources, batteries and energy storage.

IRENA estimated that in the post-COVID years of 2021-2023, average annual investment of \$2 trillion in renewables and other energy transition-related technologies have the potential to create 5.5 million additional jobs, according to a separate statement issued Wednesday.

In its report, IRENA said total global renewables investment between 2013 and 2018 amounted to \$1.8 trillion, driven by falling costs and more efficient procurement.

It added that solar photovoltaic (PV) and onshore wind power took up the largest share of investment at 46% and 29%, respectively, during the five years to 2018.

The private sector remains the biggest provider of capital for renewables projects, accounting for 86% of investment during the period. The specific funding sources for such works were project developers (46%), commercial financial institutions (22%), and public finance (14%), according to IRENA.

East Asia and the Pacific attracted the most renewable energy investment, taking in 32% of global financial commitments during the five-year period. Regions dominated by developing economies were described as “consistently underrepresented,” taking in only 15% of the global total.



According to the report, solar PV and other solar products were responsible for the bulk of off-grid renewable energy investment.

The organization said that the share of investment from investors committing to off-grid renewables in Southeast Asia and Sub-Saharan Africa grew to over 33% from 1.6% in 2019. “(This was) driven by a surge in private investors’ activities (either) domestically or within the same region,” it said.

IRENA also reported that South and Southeast Asia were both able to attract over \$244 million in off-grid renewable investment between 2007 and 2019, after a record \$97 million last year.

IRENA supports countries in transitioning to sustainable energy. The Philippines is an IRENA member. — **Angelica Y. Yang**



Climate change: Hurricanes get stronger on land as world warms

By Matt McGrath
Environment correspondent

Published 14 hours ago



People being evacuated from Houston, Texas, in the wake of Hurricane Harvey in 2017

North Atlantic hurricanes are retaining far more of their strength when they hit land because of global warming, say scientists.

Previously, experts believed these storms died down quickly once they made landfall. But over the past 50 years, the time it takes for hurricanes to dissipate on the coast has almost doubled.

Researchers say that climate change gives the storms more energy, which continues to power them over land.

The scientists involved say that this will likely make hurricanes more damaging further inland in years to come.

This year, the North Atlantic **has already broken the record** for the number of named storms, with Hurricane Theta becoming the 29th storm of the season - beating the 28 that formed in 2005.

Experts have noted that in recent years, tropical storms that make land are persisting far longer and doing more damage than in the past.

In 2017, Houston, Texas, was inundated when Hurricane Harvey settled over the city for several days, dumping 127 billion tonnes of water on the US' fourth largest city.

It was one of the **heaviest precipitation events in the recorded history of hurricanes.** Now, researchers have shown that climate change is preventing these storms from decaying quickly when they move onto dry land.

Hurricanes are powered by moisture from warm, tropical oceans - this is the fuel that drives the intense winds that are typical of this type of storm.

Climate change means the air over the oceans can hold more of this moisture, intensifying the storms at sea.

But when these storms hit land, the fuel from the seas is cut off and the hurricanes should decay, or dissipate, very quickly.



However, this **new study** indicates that is no longer the case.

"We show that hurricanes decay at a slower rate in a warmer climate," said Prof Pinaki Chakraborty, from the Okinawa Institute for Science and Technology in Japan, who led the study.

"For North Atlantic land-falling hurricanes, the timescale of decay has almost doubled over the past 50 years."



Hurricane Eta brought heavy rain to Florida

"As to the underlying reason, our analysis suggests that the culprit is climate change." The scientists found that in the late 1960s, hurricanes typically lost 75% of their intensity in the first day after landfall.

Nowadays, the decay is only about 50%.

The researchers believe that the key to the storms retaining their power is the warm moisture they have picked up along the way.

It's working like an extra fuel tank to keep the hurricane active even when it's over dry land. As the world gets warmer, this means that tropical storms will likely stay active for longer and do far more damage inland.

"We also show, using simulations, that the slower decay is fuelled by an increased amount of moisture that is stocked in the hurricane from its passage over ocean prior to landfall," said Prof Chakraborty.

"Unfortunately, our research also suggests that as the climate keeps warming, the decay of hurricanes will keep getting slower, and consequently, regions farther inland will face the wrath of ever stronger storms."

The **study has been published** in the journal Nature.
Follow Matt **on Twitter**.

Source: <https://www.bbc.com/news/science-environment-54902068>