



Quarterly newsletter on news and updates on environmental programs and activities of the Philippine Ports Authority — Port Management Office of Misamis Oriental/ Cagayan de Oro

# PMO MO/C launches Christmas “Indigenous Parol” Contest

—Read story in page 2



First place winner (large photo). The lantern was made out of feathers, floral foam, abaca fiber, and banana sheets.

Entry by: Mary Ann P. Auza

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## Parol Contest...from page 1

To sustain the active participation and for continuing promotion of environmental awareness among port stakeholders despite of the limitations brought by the ongoing COVID-19 pandemic, the PMO MO/C successfully launched the Christmas Parol Contest 2020.

In view of the threat of the virus, the Contest called for lantern entries made out of indigenous materials instead of the recyclable ones such as used water bottles and other plasticwares which were used to be utilized for lantern-making in the previous PMO lantern contests.

Per Contest Guidelines released by the organizing Committee led by Environmental Specialist Core D. Suan, participants were reminded to still observe the minimum public health standards throughout the duration of the contest i.e social distancing, and wearing of face masks and faces shields .

A total of thirteen (13) entries vied for the top prizes.

Main materials: dried leaves, and tree twigs



Entry by: **Kimberly P. Pimentel**



Main materials: coconut palm leaves, "ginit", mahogany cone, and corn sheaths

Entry by: **Maricel Clapano**

Main materials: handmade abaca fiber sheet, abaca rope, abaca sinamay, and bamboo (for the bells)



Entry by: **Jorice A. Naranjo**



Main materials: wood cuttings, cloth, and used ballpens

Entry by: **Fidela Sanchez**



**2ND PLACE WINNER**

Main materials: dried leaves , abaca fiber, rattan balls, and abaca sinamay

Entry by: **Demar Jun Auza**

**3RD PLACE WINNER**

Main materials: Maize and bamboo sticks

Entry by: **Lizalyn T. Nacaytuna**



**PEOPLE'S CHOICE WINNER**

\*via online poll

Main materials: Seaweeds and "ginit" (cloth-like sheath from coconut trees)

Entry by: **Oliver G. Flores**



Main materials: "ginit" (cloth-like sheath from coconut trees) and coconut husk fibers

Entry by: **Dawn D. Lago**



Main materials: "ginit" and coconut palm leaves

Entry by: **Kishia Don B. Edubos**

Main materials: rice grains, abaca fiber, corn sheets, and "ginit"

Entry by: **Janice Belen P. Yare**



Main materials: Corn kernels, corn grains, and corn sheets

Entry by: **Julius T. Javier**

Main material: "ginit" (cloth-like sheath from coconut trees)

Entry by: **Kates P. Guilongan**





**Online Forum**

**PMO MO/C joins “Urban Resilience Investment Forum”**

The Tropical Storm Sendong (International Name: Washi) that hit majority of the areas in Northern Mindanao in 16 December 2011 brought heavy rains which triggered devastating flash flooding. The onslaught of Typhoon Sendong claimed more than 1,292 lives, affected total of 695,195 people (110,806 families) \*, and damaged more than two billion worth of properties.\*\* The experience from this 2011 disaster and the fact that more than half of the total number of barangays in Cagayan de Oro are considered very high risk areas for flooding, compelled the City Government of Cagayan de Oro together with some members of the public sectors, development organizations, and the academe to step-up and strengthen the City’s climate resiliency to mitigate the impact of natural disasters to the people and the economy.

To provide a venue for the presentation of proposed innovative climate-resilience projects to potential investors and partner for potential funding/



Prospective view of the Divisoria Plaza under the Project Lunhaw

financial support, a four-part Urban Resilience Investment Forum was jointly organized by the Department of Human Settlements and Urban Development (DHSUD), Climate Change Commission (CCC), and United Nations Human Settlements Programme (UN-Habitat).



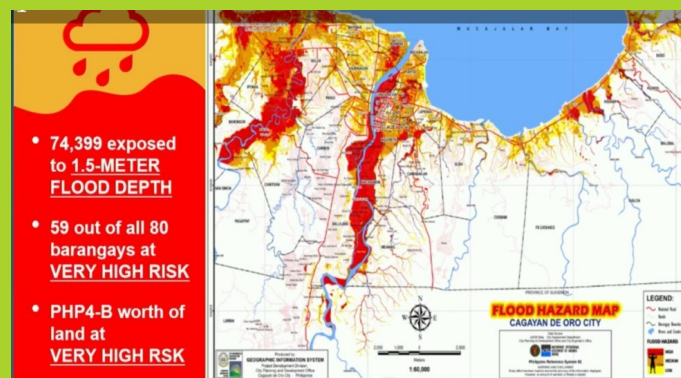
Cagayan de Oro City Mayor Hon. Oscar S. Moreno presenting the Project Lunhaw during the online Urban Resilience Investment Forum on 17 November 2020.

On 17 November 2020, the Port Management Office of Misamis Oriental/Cagayan de Oro joined the part 2 of the said Forum, titled, “Building Climate Resilience through Urban Plans and Designs (BCRUPD)”. This online forum tackled urban plans and projects on climate resilience and green recovery among partner cities and investors.

During the BCRUPD Forum, the City Government of Cagayan de Oro represented by Hon. Mayor Oscar S. Moreno, presented the proposal titled, “Project Lunhaw” from which areas from the City Hall riverside up to the Plaza Divisoria are planned to be transformed into climate adaptive recreational areas through establish-

ment of green areas where trees, shrubs, grasses will be grown to provide fresh air. These areas are envisioned to be suitable for picnic, biking, jogging, and other recreational activities for the citizens and for visiting tourists.

This Project was also presented by the City LGU during the Sustainability Mobility Project (SMP) Investors Forum in 2019 as one of the potential solutions to the worsening traffic woe in the City under the Road Clearing Solutions since the mentioned areas covered in this Project will be intended for only active transport such as walking and biking.



Flood Hazard Map of Cagayan de Oro City

Sources:  
 \*Leong,D et.al. 2013. Assessment on Disaster Risk Reduction of Tropical Storm Washi.  
 \*\*<https://news.abs.cbn.com/>



# 5S Seminar: Organizing the workplace during this time of pandemic

In continuing promotion of orderliness and safety in the workplace, a two-batched seminars on proper housekeeping and "5S" principles were conducted on 13 and 27 November 2020 via online, participated by PMO personnel.

The 5S of housekeeping comes from the Japanese words Seiri, Seiton, Seiso, Seiketsu and Shitsuke which are translated as: Sort, Set in Order, Shine, Standardize, and Sustain. This principle generally focuses on keeping the workplace clean and organized. Although this has been commonly used in warehouses and manufacturing, 5S can be used to any workplace for a clean and conducive environment for all employees.

After the webinar, the participants (including those working from home) proceeded to

organizing and decluttering their respective work area and posted photos of their accomplishment.

### Sort

This involves classifying of materials whether the items will still be used or already unnecessary and are for disposal. Items that are difficult to classify may be temporarily stored on proper containers.

### Set in Order

This is about the physical arrangement of things or where to place them accordingly. Items should be stored in accessible and navigable places and are labeled properly. Color-coded theme may be used for easy identification.

### Shine

This is now where materials are

cleaned from dust and dirt. Tools and equipment must be cleaned and ready for use at all times. These should be also checked for any damage.

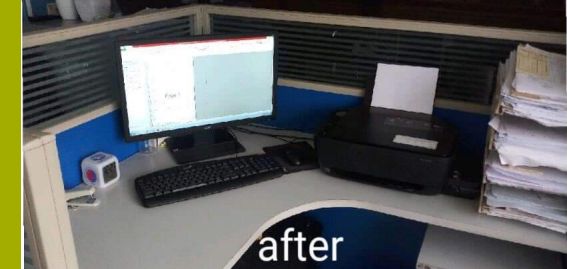
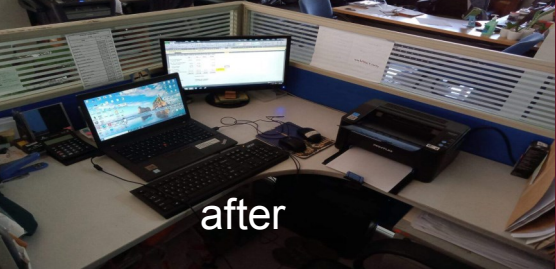
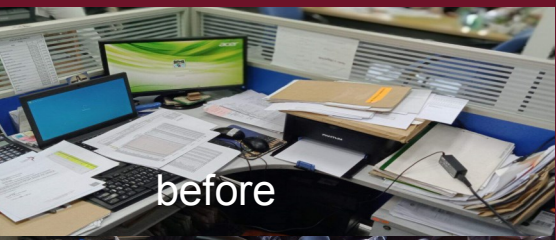
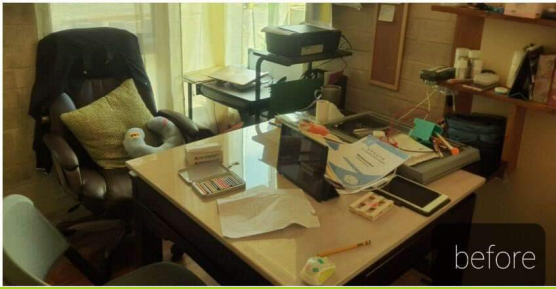
The office must be also routinely checked for worn out cables, busted bulbs, pipe leaks, et. cetera.

### Standardize

The culture of cleanliness must be created in the workplace. Best practices and housekeeping standards may be standardized.

### Sustain

The practice of housekeeping and keeping the workplace safe and clean must be communicated to all employees to have a common understanding towards one goal. Scheduled audit may be established and employees or offices who have maintained orderliness and cleanliness may be given rewards and recognition



Some of the photos shared by the employees showing their work stations before and after implementing 5S.

**Annual Conduct**

**Desludging Activity in the Port of Cagayan de Oro**

In compliance with the Philippine Clean Water Act 2004 and for furtherance of the PMO MO/C's commitment to ensure that no waste pollutants shall be discharged to the bodies of water as stipulated under its Discharge Permit for Sanitary Facilities, desludging of the port's septic tanks and sewage was conducted on 06 November 2020.

Desludging is part of the septage management of the PMO that refers to the managing of septic tanks that involves the transporting, treating, and disposing of septic tank contents. According to the Operations Manual on the Rules and Regulations Governing Domestic Sludge and Septage, the improper handling of septage may cause environmental damage and can also have impact to public health.



Personnel of the external service provider pumped contents of a septic tank near the PMO building 2.

Through an external service provider, desludging was conducted to a combined total of twelve (12) units of septic

tanks and sewage in the Port of Cagayan de Oro. This activity is being performed annually in the Baseport.

**DID YOU KNOW?**

**Things You Should Never Drain Down Your Septic Tank**

Septic tanks are essential part of the house or a building. All waste water in the home or office building which drains from sinks, toilets, et. cetera feed into the septic tank .To keep this facility functioning properly and avoid clogging up, here are some of the materials that should not be thrown down your drain:

- Cigarette butts
- Disposable diapers
- Sanitary napkins or tampon
- Plastics
- Solvents
- Gasoline

Source: <https://www.mrrooter.com/>



**4th Quarter 2020**

**PMO MO/C conducts Water Effluent Test in the Baseport**



Personnel from DENR-accredited laboratory get water samples from the CDO Port's water treatment facility for effluent test.

Pursuant to Republic Act (RA) 9275 or the Philippine Water Act of 2004, effluent test is being conducted quarterly in the Port of Cagayan de Oro's waste treatment facility to ensure that volume and concentration of pollutants in water discharge are within the standard limit.

On 08 October 2020, the representatives of a DENR-accredited laboratory extracted water samples from the CDO Port's waste treatment facility to measure the effluent parameters: oil, grease, pH, and Biochemical oxygen demand (BOD). The activity was supervised by the PMO Environmental Specialist Core D. Suan.

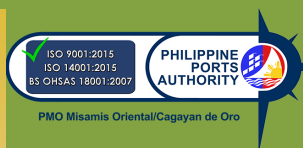
Laboratory results showed that wastewater effluent in the said Port's facility are still within the recommended limit.

**Summary of effluent water quality testing for CY 2020 in the Port of Cagayan de Oro**

Parameters	1 <sup>st</sup> Quarter Result	2 <sup>nd</sup> Quarter Result	3 <sup>rd</sup> Quarter Result	4 <sup>th</sup> Quarter Result	Effluent Standard per DENR Water Quality Guidelines/RA 9275 Philippine Clean Water Act**
ph	7.78	8.12	7.89	7.4	6-9
TSS, mg/L	4	< 2	< 2	2	100
Oil and Grease, mg/L	2.0	2	< 1	< 1	10

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