

2023



ACCOMPLISHMENT REPORT

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



PANGASINAN STATE UNIVERSITY

SDG 12 – Responsible Consumption and Production Accomplishment Report

Pangasinan State University (PSU) is dedicated to advancing Sustainable Development Goal 12, which promotes responsible consumption and production patterns. PSU implements initiatives to minimize waste, promote recycling, and encourage sustainable resource use across its campuses. Through activities such as waste segregation, sustainable procurement practices, and awareness campaigns on reducing environmental impact, PSU instills a culture of responsibility and sustainability within its community.

✓ Relevant Programs and Activities

✓ PSU Sta. Maria Campus Debuts Mushroom Steel Hanger Project

On October 24, 2023, Pangasinan State University – Sta. Maria Campus (PSU-SM) began construction of the Mushroom Steel Hanger Project, a facility designed to advance sustainable food production and contribute to food security in alignment with Sustainable Development Goal (SDG) 2. Led by contractor Engr. Santia, along with his project engineer and construction team, the project aims to support mushroom cultivation as a viable local food source. Key PSU officials were on-site to assist and oversee, including University Architect Gabriel, Dr. Honorio L. Cascolan of PSU-SM CED, Dr. Cesar G. Della, Mushroom Technology Generator, and Engr. Romeo Ancheta, Campus Physical Plant Coordinator. This initiative represents PSU's continued commitment to promoting sustainable agriculture practices that address local food needs and enhance community resilience.



✓ Policies and Guidelines

➤ For a sustainable, eco-friendly campus: PSU-BC introduces environmental initiatives

As a firm advocate for environmental protection and awareness, the Pangasinan State University—Bayambang Campus, in partnership with the Campus Pollution Control, Solid Waste Management, and Energy Efficiency and Conservation (PC-SWM-EEC) Office, releases the **official policy guidelines on campus pollution control, solid waste management, and energy-saving measures** which are expected to be implemented from here on out.

Policy waste disposal - hazardous materials

OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

23. Collection of hazardous, recyclable, and other wastes like plastic bottles is **every Saturday at 9:00 AM**; therefore, the regular collection of these kinds of garbage shall be **EVERY FRIDAY** or on a needed basis (CM No.164, s. 2022) Hazardous and toxic wastes have the following characteristics: ignitability, corrosivity, reactivity, and toxicity. As such, qualified personnel shall assist in its disposal. Please refer to the infographic on the next page.



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OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

INFOGRAPHIC

- IGNITABILITY**
Wastes that can readily catch fire and sustain combustion
- CORROSIVITY**
Wastes that are acidic or Alkaline and can readily or dissolve flesh metal or materials
- REACTIVITY**
Wastes that can readily explode or undergo violent reactions
- TOXICITY**
Wastes that are likely to leach dangerous concentrations of toxic chemical into ground water



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OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

24. Coordination with the PC-SWM-EEC office for proper disposal is essential in **science laboratory** subjects where hazardous wastes like biological, chemical, and medical by-products are generated. (RA 6969, RA 8749, CM No. 164, s. 2022).



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OFFICIAL POLICY GUIDELINES ON BELOW ARE COMMON HAZARDOUS WASTES FOR REFERENCE:

- Alcohols (e.g., rubbing alcohol, high-proof spirits)
- Aerosol sprays containers (household cleaners, disinfectants, hairspray, spray paint)
- Bleaches
- Camping equipment (e.g., camping stove, kerosene lanterns)
- Car batteries
- Carbon dioxide canisters and cylinders
- Consumer electronics with lithium batteries (e.g., cell phones, laptops)
- Dry ice
- Essential oils (flammable)
- Fertilizer compounds and ammonium nitrate fertilizers



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Policy for minimisation of plastic use

OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

9. The Campus shall also implement the **NO TAKE-OUT POLICY** in the food courts to help ensure centralized collection of food waste and packaging like paper cups and paper plates inside the Campus. Take-outs can be allowed provided that students/employees present reusable containers (food keepers/tumblers) to the concessionaires.

10. The food court staff shall wear PPEs like hairnets, gloves, and masks while serving and preparing food and ensure their respective blue cards/health cards are visible in the stalls.

11. Campus management shall **not allow SINGLE USE and DISPOSABLE PLASTICS** like spoons and forks, plates, wrappers, cups, and Styrofoam containers inside the Campus.

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OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

12. Security personnel shall **NOT allow all ambulant vendors** inside the Campus to ensure that all food handlers are free from possible chances of food contamination and are all well-trained in solid waste disposal.

13. Ambulant vendors selling food and drinks **should coordinate** first and seek approval from the CED and IGP Coordinator before they sell inside the Campus.

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Policy waste disposal

OFFICIAL POLICY GUIDELINES ON CAMPUS POLLUTION CONTROL, SOLID WASTE MANAGEMENT, AND ENERGY-SAVING MEASURES

15. Class advisers, in coordination with the Campus Administrative Officer, GSO Coordinator, and PPMO Coordinator, shall monitor **cleanliness initiatives** (i.e., Brigada Unibersidad and other similar activities) to ensure proper segregation of wastes. Utility personnel shall collect all scraps collected from the said activity.

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SOLID WASTE CLASSIFICATION

RECYCLABLE WASTE

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SOLID WASTE CLASSIFICATION

SPECIAL WASTE

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SOLID WASTE CLASSIFICATION

BIODEGRADABLE WASTE

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✓ **Sample Community Extension Projects in 2023**

Title of Extension Activity	Date Conducted	Beneficiaries
Training on Milkfish Processing and Concepts in Food Safety	July 27, 2023	Residents of Brgy. Wawa, Lingayen Panagsinan
Training on Milkfish Processing and Food Safety	August 25, 2023	Residents of Brgy. Basing, Lingayen Panagsinan