



SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



2022 REPORT



ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



waste and resource management



Protection and Preservation of environment



advancing and implementing sustainable management practices

SAVE THE CHICO RIVER:
2023 Mahal Ko Chico River
Clean-up Drive

130

bags of assorted wastes

TREE PLANTING PROJECTS



300

pine tree seedlings

DENR



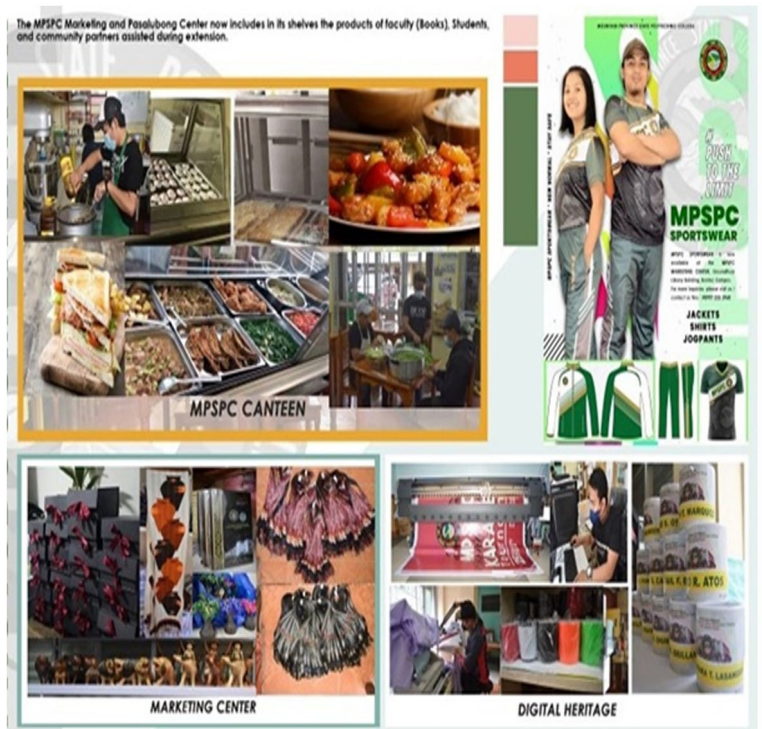
174

Assorted seedlings

MPSPC

Mountain Province State Polytechnic College is dedicated to advancing and implementing sustainable management practices that promote responsible consumption and production patterns in its operations and supply chains. Various enterprises within the college contribute to this commitment. The Digital Heritage is responsible for providing printing services, the Food Processing Services Center offers meals and snacks, and the Marketing Center sells merchandise, including College-logo-bearing uniforms for different departments and employees. These services cater not only to the college community but also to the needs of other agencies and walk-in clients.

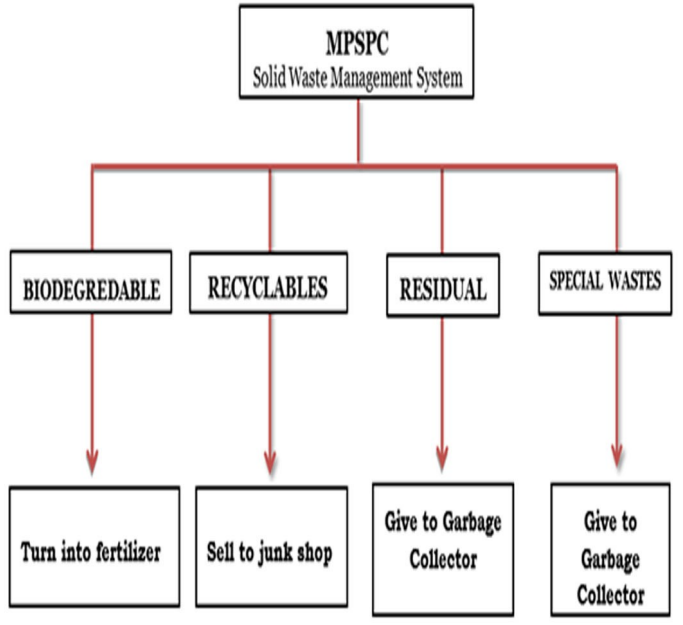
A range of policies is in place to address responsible consumption and production, clearly outlined in the college's manuals such as the Resource Generation Manual, Bids and Awards, and Supply Manual.



WASTE AND RESOURCE MANAGEMENT

The College prioritizes responsible waste disposal to safeguard our environment and make efficient use of natural resources. In adherence to Republic Act No. 9003, also known as the "Ecological Solid Waste Management Program," and the Municipal Ordinance of the Local Government Unit of Bontoc, Mountain Province, the College ensures that solid wastes generated are managed in a way that protects the environment and the health of stakeholders. The system encompasses activities such as promoting solid waste prevention, collection, segregation, recycling, and disposal (General Services Office Operations Manual).

The Solid Waste Management System of Mountain Province State Polytechnic College is a program on how to properly manage the bulk of solid wastes that are produced in daily basis which is managed by the General Services Office. This system is printed and displayed in strategic places of every campus of MPSPC for the awareness of everyone while in the college.



Classification of Solid Wastes:

a. Residual Wastes

The following are considered residual wastes: Styrofoam, cigarette butts, worn out plastics sacks, dirt from sweepings, worn out rags, sanitary napkins, disposable diapers, plastic straws, barber shop/ parlor waste, household medicine bottles, broken ceramics, colored broken glass, coco fiber from cushions, and etc.

b. Special Wastes

The following are considered special wastes: Paint /thinner containers, spray canisters, household batteries, pharmaceutical waste such as medicine foils, expired medicines, expired cosmetics, broken tiles/lamps, book cases/beds and cushions, and rubber tires/oil filters.

c. Recyclable Wastes

The following are considered recyclable wastes: Sando-bags, junk food/candy wrappers, dry papers/newspapers, dry card boards/ cartons, plastic materials, plastic water bottles, tin and aluminum cans, iron steel, broken glass, glass bottles, plastic bottle caps, toner cartridges, computer ink cartridges, PVC pipes, PE pipes, car batteries, broken TV sets/radios/stereos, washing machines, and broken furniture/filing cabinets.

d. Biodegradable Wastes

The following are considered biodegradable wastes: Fruit and vegetable peelings, spoiled food/leftovers, vegetable trimmings, fish scales, egg shells/ sea food shells/ sea, animal entrails and carcasses, corn cobs and sheaths/rice hulls, peanut shells, wet newspapers/cardboards, wet papers/cartons, coconut shells and husks/seeds, garden, grass clippings, pet manure, poultry/livestock manure, and chipped branches/sawdust.

Schedule of Garbage Collection, Disposal, and Persons Responsible

Below is the flow of collection and segregation of wastes:

Activities	Location/Area	Person Responsible	Collection Schedule	
1. Collection of Garbage	Various Offices/ Corridors/Hallways	Utility Personnel; Student Assistants	MWF	
2. Waste Segregation	Solid Wastes Management Facility	Utility Personnel; Student Assistants	Residual Wastes	Saturday by LGU – Bontoc
			Special Wastes	
			Recyclables	Saturday (Sold to Junkshop)
3. Sorting of Biodegradables	Various Offices/ Corridors/Hallways	Utility Personnel; Student Assistants	Monday – Friday (Means of Disposal – Place at the plant/flower boxes to be used as Fertilizers)	

Solid wastes are collected from the different areas in the college on Mondays, Wednesdays and Fridays by student assistants with the company of utility personnel. Collected wastes are brought to the Solid Wastes Management Facility for labeling and segregation. Wastes classified as residual and special are brought out along the national road at the frontage of the academic building by a utility personnel assigned under janitorial services together with the officers of the Student Assistants Organization ready for pick up by the Local Government Unit of Bontoc. The pick-up time for special and residual wastes is based on the schedule set by the Bontoc-LGU which is 7:00 am every Saturday.

Biodegradables are being collected every afternoon of Monday – Friday by the janitors and student assistants. These wastes are converted to fertilizers for plants and flowers while recyclable wastes are sold by the SAs to the junkshop every Saturday. Amount generated from this activity is entrusted to the treasurer of the Student Assistants Organization and is deemed fund of the said organization.



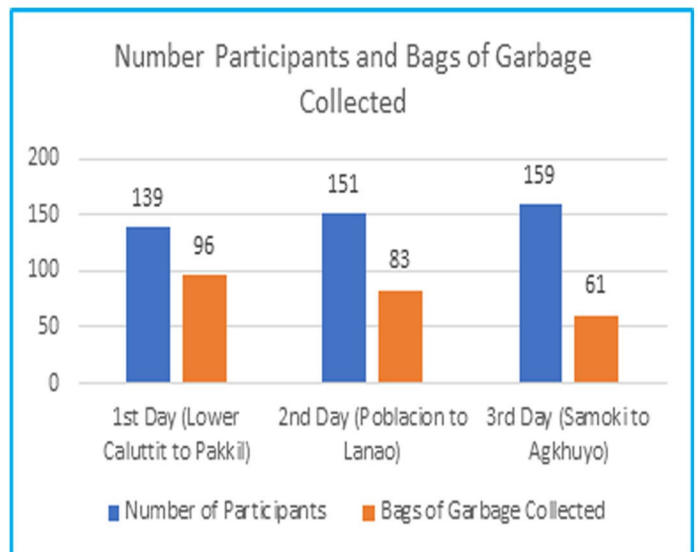
PROTECTION AND PRESERVATION OF ENVIRONMENT

The Mountain Province State Polytechnic College shares the responsibility in mitigating climate change. The institution has been supporting and promoting various environmental activities that aim to protect and preserve our environment. The effort of the college to help mitigate climate change can be seen in the different conducted activities: community clean-up drives; tree planting; waste segregation; recycling; and campus cleaning in 2022.

The Chico River plays an important role in Mountain Province, this river has become the connection of the different municipalities within the province. Up to this day, we cannot deny that industrialization is slowly affecting our environment, specifically the riparian areas. It was observed that the by-products of human wastes will always end at the Chico River endangering the different vegetation, species and organisms thriving in the river. In this regard, the MPSPC shares the

responsibility to ensure the survival and the preservation of our Chico River. As part of the course requirement of the subject Science, Society and Technology, a subject of 1st year students enrolled in MPSPC, a clean-up drive was organized to help mitigate in the increasing threat of indiscriminate garbage disposals along the Chico River.

In the three-day clean up drive that was conducted with four areas of the Chico River, most of non-biodegradable and recyclable wastes were collected and properly placed in the respective collecting areas. It was also observed that most of the garbage collected are disposable diapers, old clothing, liquor bottles and assorted nonbiodegradable wastes coming from residential areas. The collected bags of garbage were segregated and collected by the LGU Solid Waste Management Office.



CLEAN-UP DRIVE

CLEAN-UP DRIVE

Day 1 | Caluttit, Bontoc Mountain Province



Day 2 | Bontoc Ili, Bontoc Mountain Province



Day 3 | Samoki, Bontoc Mountain Province



SAVE THE CHICO RIVER: 2023 MAHAL KO CHICO RIVER CLEAN-UP DRIVE

Another initiative done on protecting the Chico river was the Chico River Clean-Up Drive which was spearheaded by the Office of the Executive Dean, Dr. Arel B. Sia-ed, on February 18, 2023. MPSPC employees, Societas Scientia, MPSPC ROTC and Barangay Poblacion LGU participated in the activity. Around 6:00 AM, the joined forces conducted the clean-up drive with the theme, "SAVE THE CHICO RIVER: 2023 Mahal Ko Chico River Clean-up Drive".

The participants were able to cover the Chico river banks along the Brgy. Población areas, collecting around 130 bags of assorted wastes. Most of the wastes collected were cellophanes, assorted recyclables, diapers and some old clothing. It was observed that even though there is a local ordinance prohibiting the burning and disposing of waste along the Chico river, this is not properly being observed within the areas. All the waste collected were properly segregated and placed in the designated garbage collection areas.

CLEAN-UP DRIVE

MAHAL KO CHICO RIVER CLEAN-UP DRIVE



TREE PLANTING PROJECTS



The College also supports tree planting projects. On September 13, 2023 a total of 474 seedlings, consisting of 300 pine tree seedlings (from DENR) and 174 assorted seedlings (from MPSPC) were successfully planted at Latang, Tocucan, Bontoc. This was spearheaded by MPSPC in partnership with the LGU of Barangay Tocucan and DENR-CAR-CENRO-Sabangan. The activity involved the active participation of MPSPC faculty, students, officers of MPSPC-ROTC Unit, and Mr. Roden Ogsar, DENR-CAR-CENRO representative.

