

MPSU Strengthens Campus Waste Monitoring and Recycling Efforts

October 22, 2024

Mountain Province State University (MPSU) continues to improve its waste-management system by strengthening monitoring, segregation, and recycling practices across the campus. The General Services Office now tracks the daily volume of solid waste, providing clearer data to support the University’s environmental initiatives.

Waste Generation and Recycling Data

Particulars	Percentage	Weight per Day	Yearly Total (excluding weekends)
Total Waste Generated	100%	30–35 kg	7,800–9,100 kg
Recycled Waste	10%	3–3.5 kg	780–910 kg
Waste Sent to Landfill	90%	27–31.5 kg	7,020–8,190 kg

The data shows that while MPSU generates up to **35 kilograms of waste daily**, only **10 percent** is currently recycled. The remaining **90 percent** is regularly turned over to the LGU of Bontoc for landfill disposal. These findings highlight the need for more consistent segregation and increased awareness among students and staff.



To better understand waste behavior, the University expanded monitoring efforts from selected areas to a **campus-wide system**, allowing administrators to improve bin placement, adjust collection schedules, and develop focused information drives.

Student organizations such as **SOCIETAS** also contribute by assisting in segregation efforts and encouraging proper disposal during campus activities.

Looking ahead, MPSU aims to enhance its waste-management program by drawing insights from previous research, including the study **“IoT-Enabled Smart Waste Management System for Mountain Province State Polytechnic College.”** This study offers potential models for integrating sensors, monitoring tools, and automated alerts—technologies that may support the University’s long-term vision for more efficient and data-driven waste handling.

Through collective effort and continuous improvements, MPSU remains committed to advancing sustainability and promoting responsible consumption on campus.